

# ARB SUBMITTAL

## CITY OF PALO ALTO

### CALIFORNIA AVE. PARKING GARAGE

### 350 Sherman Ave.



#### PROJECT DATA

**Lot C7 - Proposed Parking Garage (350 Sherman)**

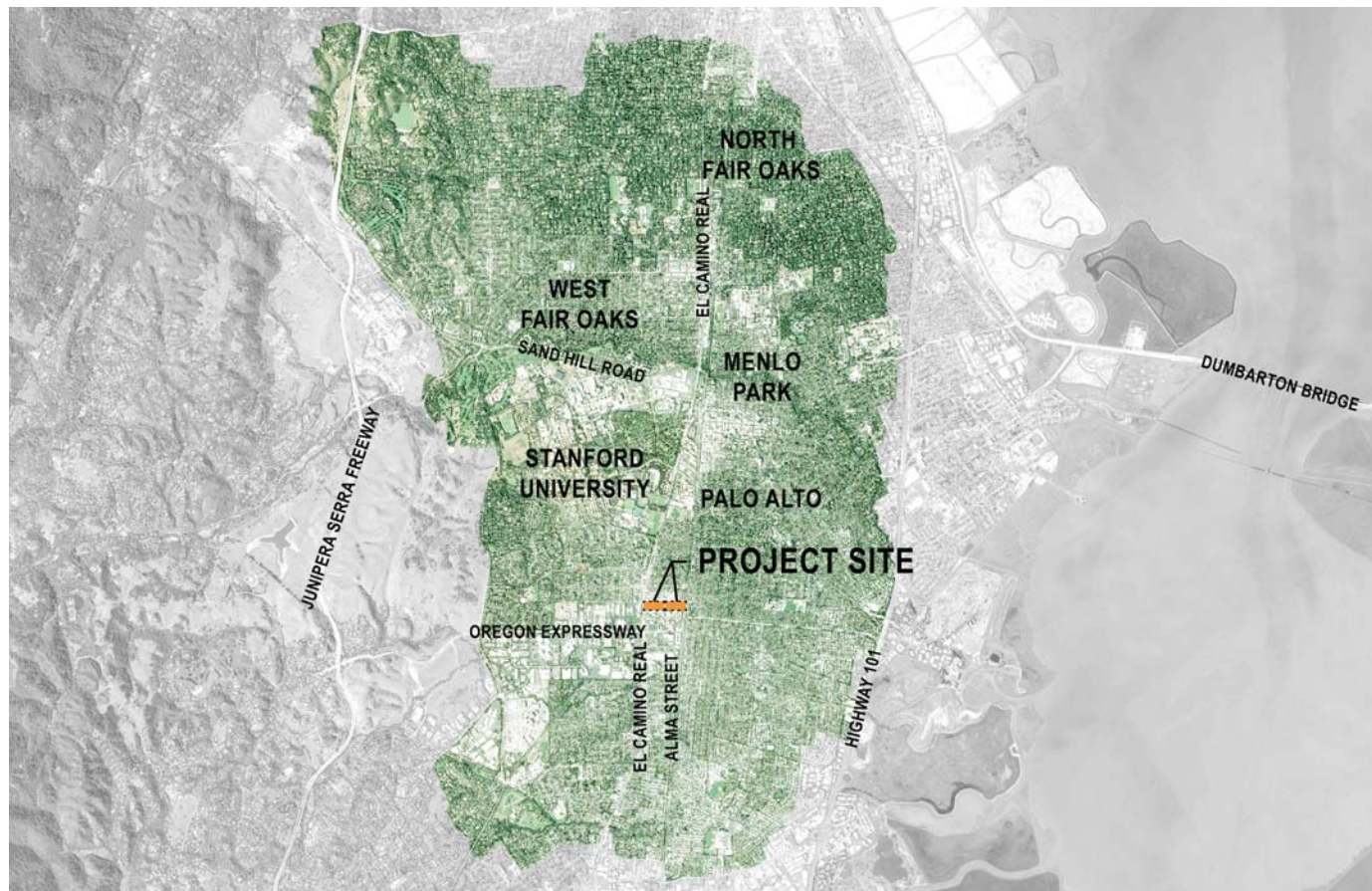
<b>Zoning designation:</b>	PF
<b>Land use designation:</b>	Community Commercial (CC)
<b>Maximum site coverage:</b>	<b>30%</b>
<b>Maximum FAR:</b>	<b>1:1</b>
<b>Maximum building height:</b>	50'-0"; 35'-0" @ SE corner
Lot area:	0.96 acres (41,843 sf)
Existing lot coverage:	Zero, the lot is undeveloped
Proposed lot coverage:	<b>89.30%</b>
Existing floor area ratio (FAR):	Zero the lot is undeveloped
Total floor area	149,500 sf
Proposed floor area ratio (FAR):	<b>3.57</b>
Building foot print:	36,602 sf
Site area:	41,843 sf
Proposed building height:	40'-7" ( To top of railing)
Existing onsite parking:	143 spaces
Required new onsite parking:	636 spaces
Proposed new onsite parking:	636 spaces
Existing easements:	None

#### COVER SHEET

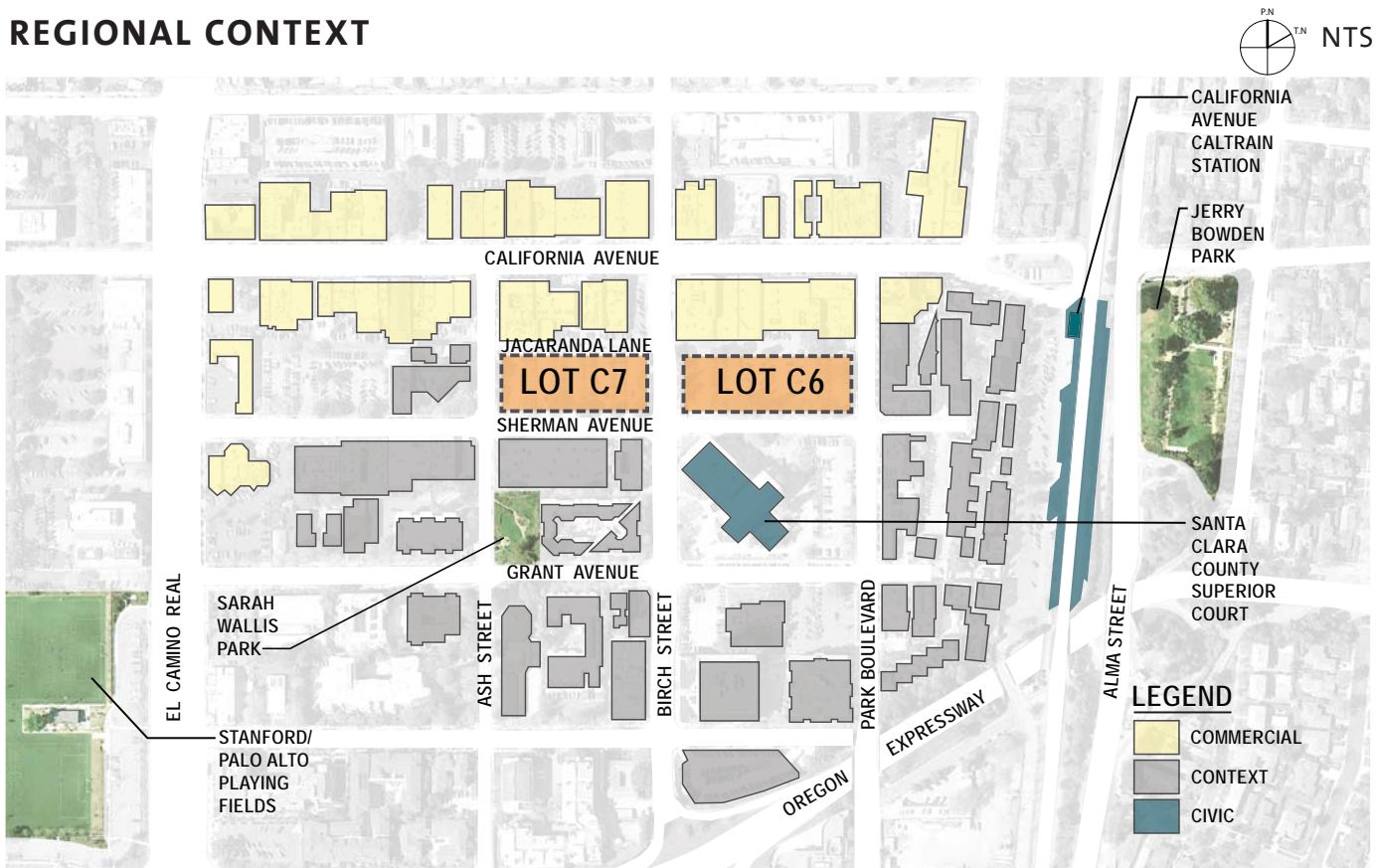
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	URBAN CONTEXT OVERVIEW
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	ARCHITECTURAL CHARACTER & MASSING
	ARCHITECTURAL CHARACTER & MASSING
	ARCHITECTURAL CHARACTER & MASSING
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	FLOOR PLANS PARKING GARAGE - 1ST FLOOR
	FLOOR PLANS PARKING GARAGE - 2ND FLOOR
	FLOOR PLANS PARKING GARAGE - 3RD FLOOR
	FLOOR PLANS PARKING GARAGE - 4TH FLOOR
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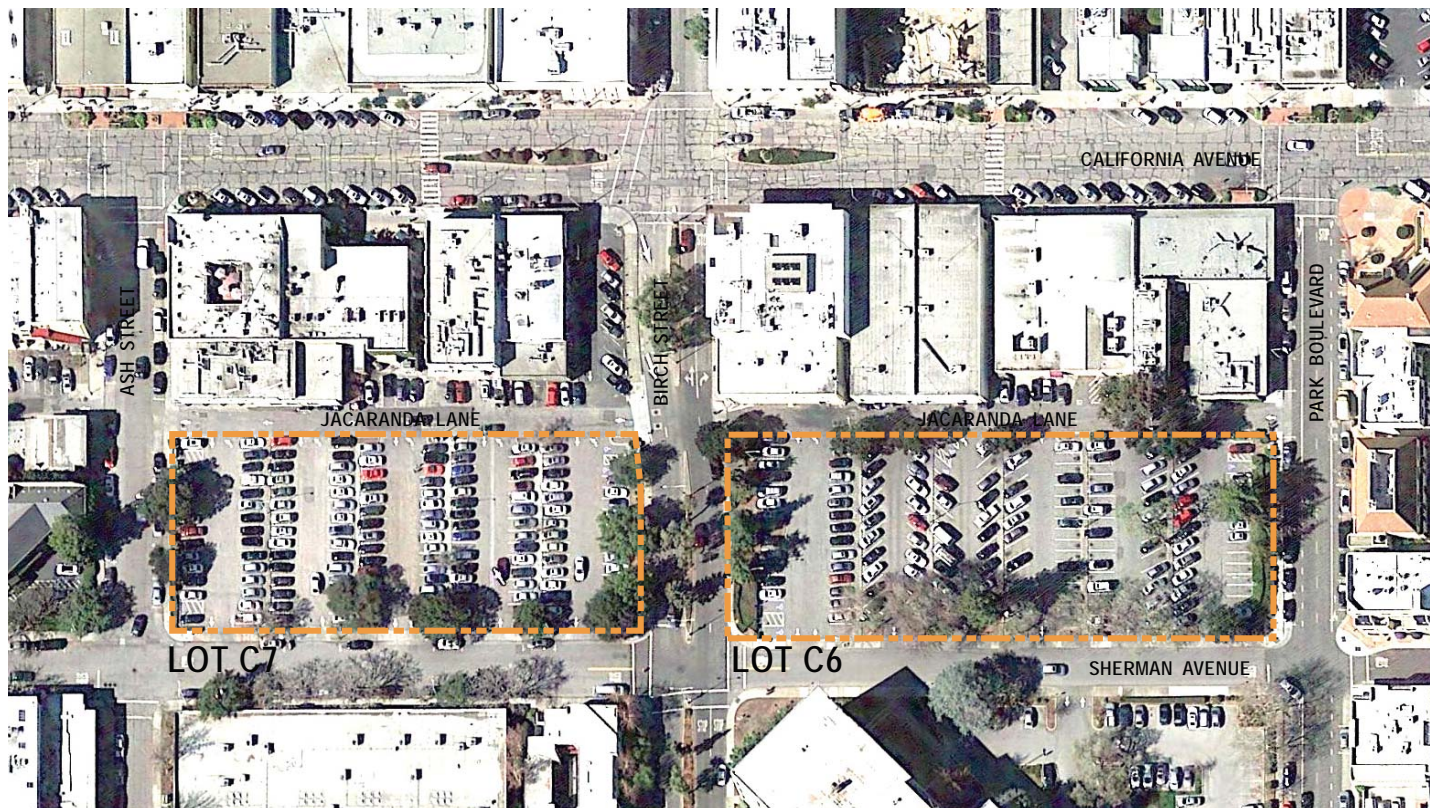
#### ARB 00.01



REGIONAL CONTEXT



NEIGHBOURHOOD CONTEXT



EXISTING SITE CONDITIONS

OVERVIEW

00

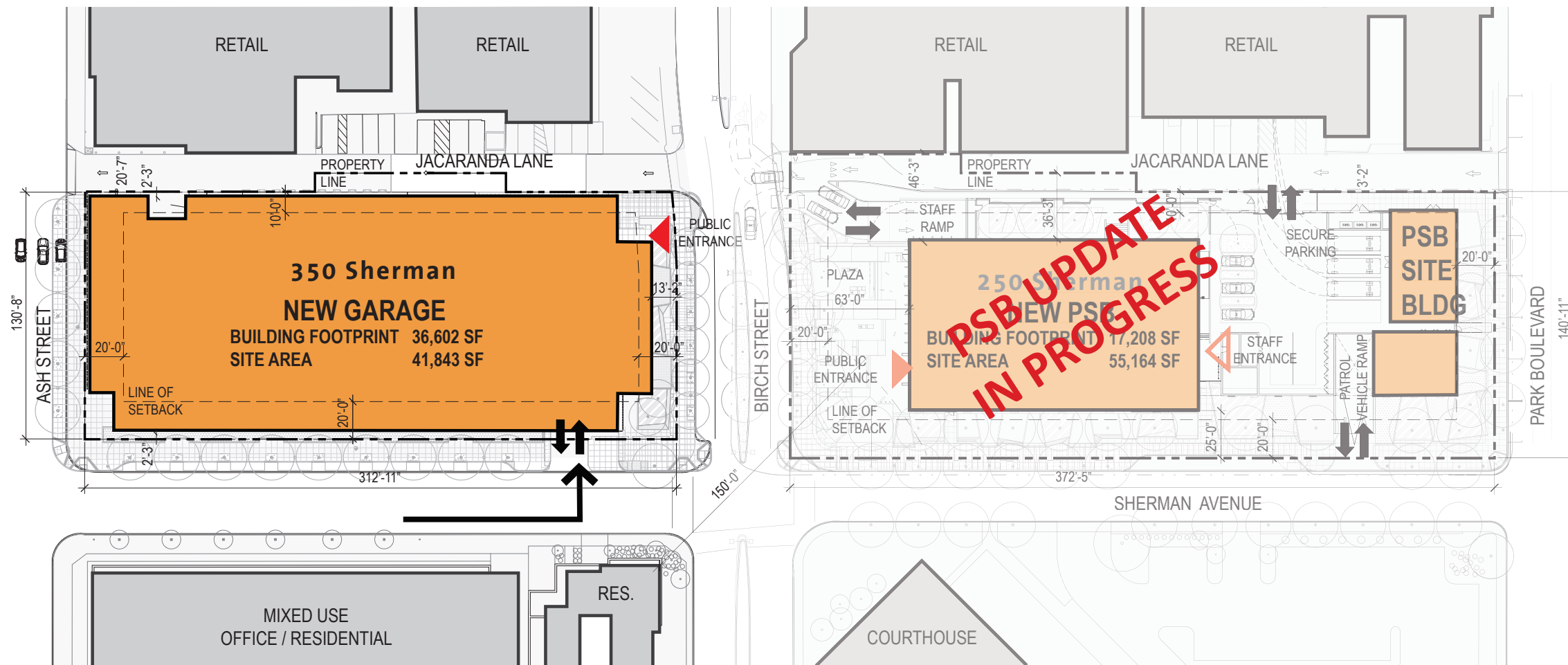
vicinity maps

VICINITY MAPS

# OVERVIEW

# 00

technical diagrammatic site plan



\* INFORMATION OF PUBLIC SAFETY BUILDING PROJECT (LOT C6) UNDER SEPERATE SUBMITTAL

## PROJECT DATA

### 350 Sherman - Proposed Parking Garage

**Zoning designation:** PF  
**Land use designation:** Community Commercial (CC)  
**Maximum site coverage:** 30%  
**Maximum FAR:** 1:1  
**Maximum building height:** 50'-0"; 35'-0" @ SE corner

Lot area: 0.96 acres (41,843 sf)  
 Existing lot coverage: Zero, the lot is undeveloped  
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 Site area: 41,843 sf  
 Proposed building height: 40'-7" ( To top of railing)  
 Existing onsite parking: 143 spaces  
 Required new onsite parking: 636 spaces  
 Proposed new onsite parking: 636 spaces  
 Existing easements: None



### ALLOWABLE SETBACKS (ZONE PF, BASED ON R-40)

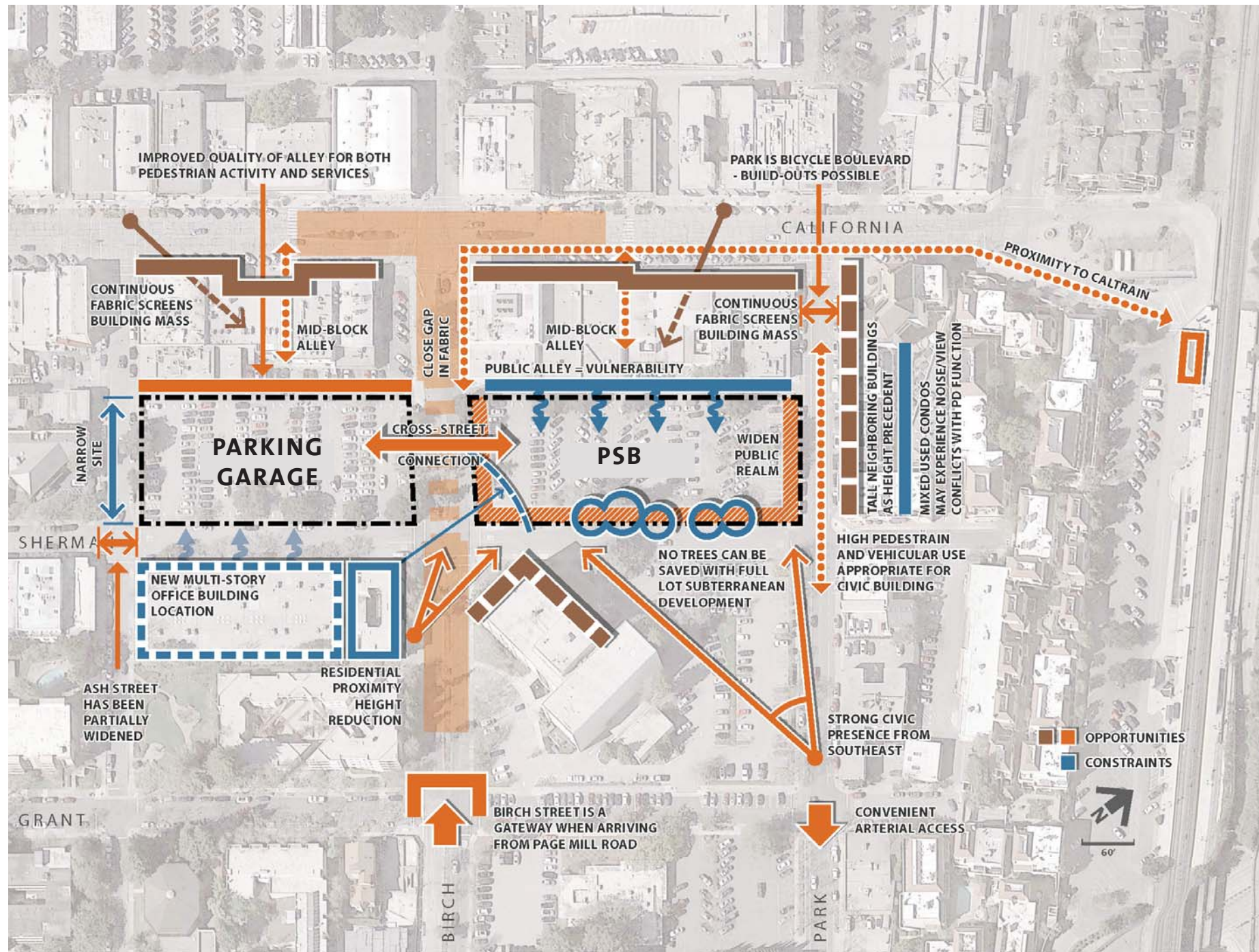
JACARANDA LANE SIDE: 10' \*  
 STREET SIDE: 20' \*

\*PF ZONE TEXT AMENDMENT FOR THE PUBLIC GARAGE IS IN PROGRESS TO ALLOWED FOR REDUCED SETBACKS.



KEY PLAN

# TECHNICAL DIAGRAMMATIC SITE PLAN



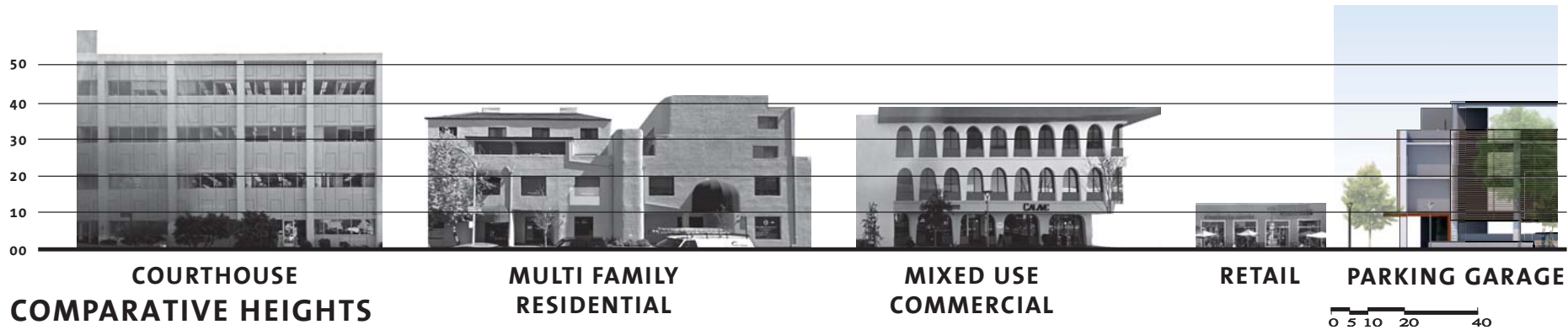
**OPPORTUNITIES & CONSTRAINTS**

\* INFORMATION OF PUBLIC SAFETY BUILDING PROJECT (LOT C6) UNDER SEPERATE SUBMITTAL

# OVERVIEW

# 00

urban context overview



## URBAN CONTEXT OVERVIEW

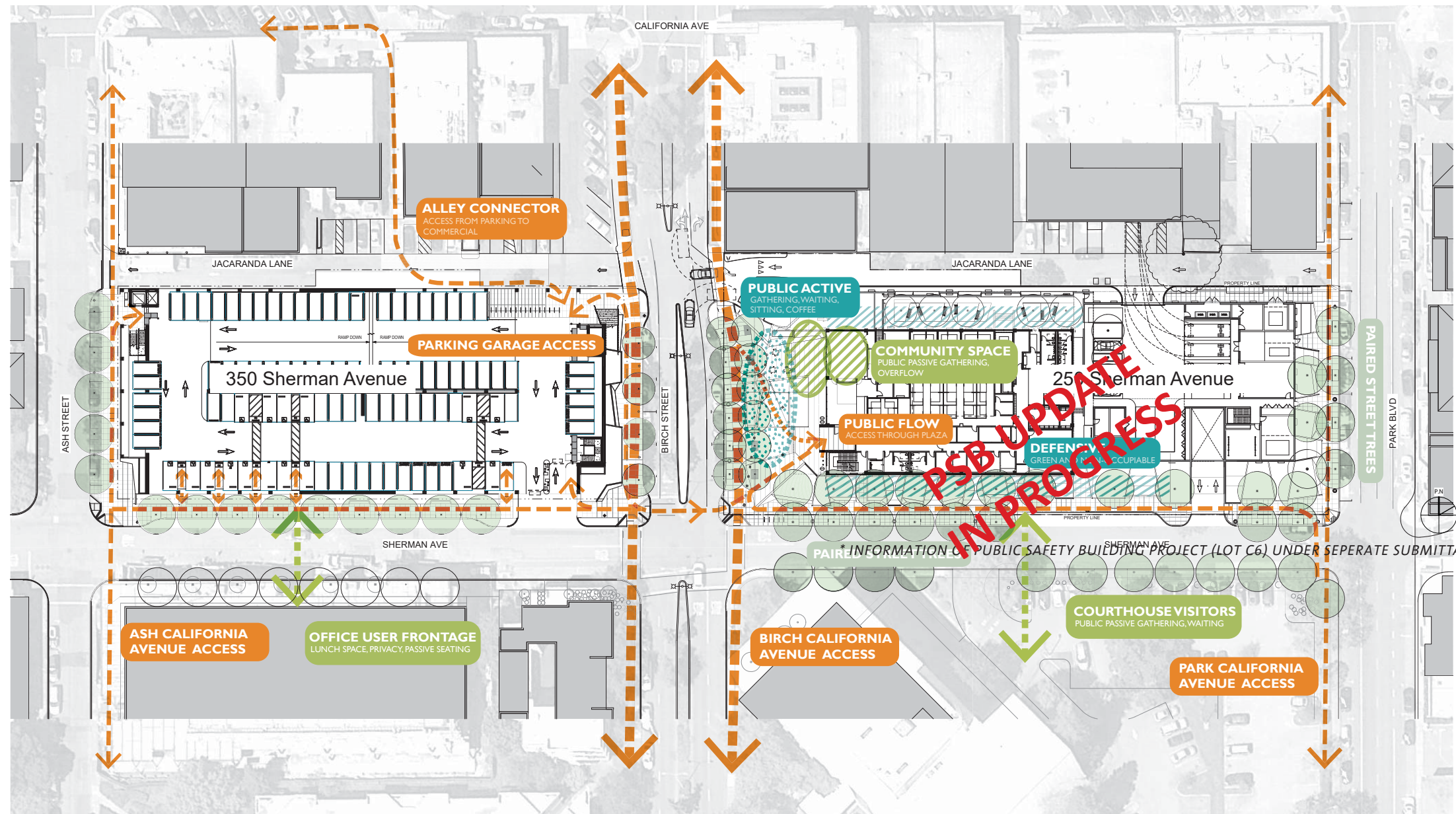


KEY PLAN

# OVERVIEW

# 00

urban context overview



PROPOSED REALM DIAGRAM



## URBAN CONTEXT OVERVIEW



VIEW OF LOT C7 FROM THE INTERSECTION OF SHERMAN & BIRCH STREETS

OVERVIEW

00

existing context photos  
LOT C7



VIEW FROM LOT C7 - EAST



VIEW FROM LOT C7 - SOUTH



VIEW FROM LOT C7 - WEST



VIEW FROM LOT C7 - NORTH

EXISTING CONTEXT PHOTOS - LOT C7

**CONCEPT APPROACH**

**01**

**Parking Garage\_350 Sherman**



**Top:** View from the intersection of NE of Birch Street & Jarcaranda Ln.

**Bottom:** View from the intersection NE of Birch Street & Jarcaranda Ln.



**ARCHITECTURAL CHARACTER & MASSING**

**RossDrulisCusenbery** ARCHITECTURE

**ARB 01.01**

**PALO ALTO CALIFORNIA AVE. PARKING GARAGE**

2017.12.13



**CONCEPT APPROACH**

**01**

**Parking Garage\_350 Sherman**

**Top:** View from the intersection SE of Sherman Ave. & Birch Streets

**Bottom:** View from the intersection SE of Sherman Ave. & Ash Street



**ARCHITECTURAL CHARACTER & MASSING**





**CONCEPT APPROACH**

**01**

**Parking Garage\_350 Sherman**

**Top:** View from the intersection SE of Sherman Ave. & Ash Street

**Bottom:** Color & Material Study View @ Sherman Ave.



**ARCHITECTURAL CHARACTER & MASSING**



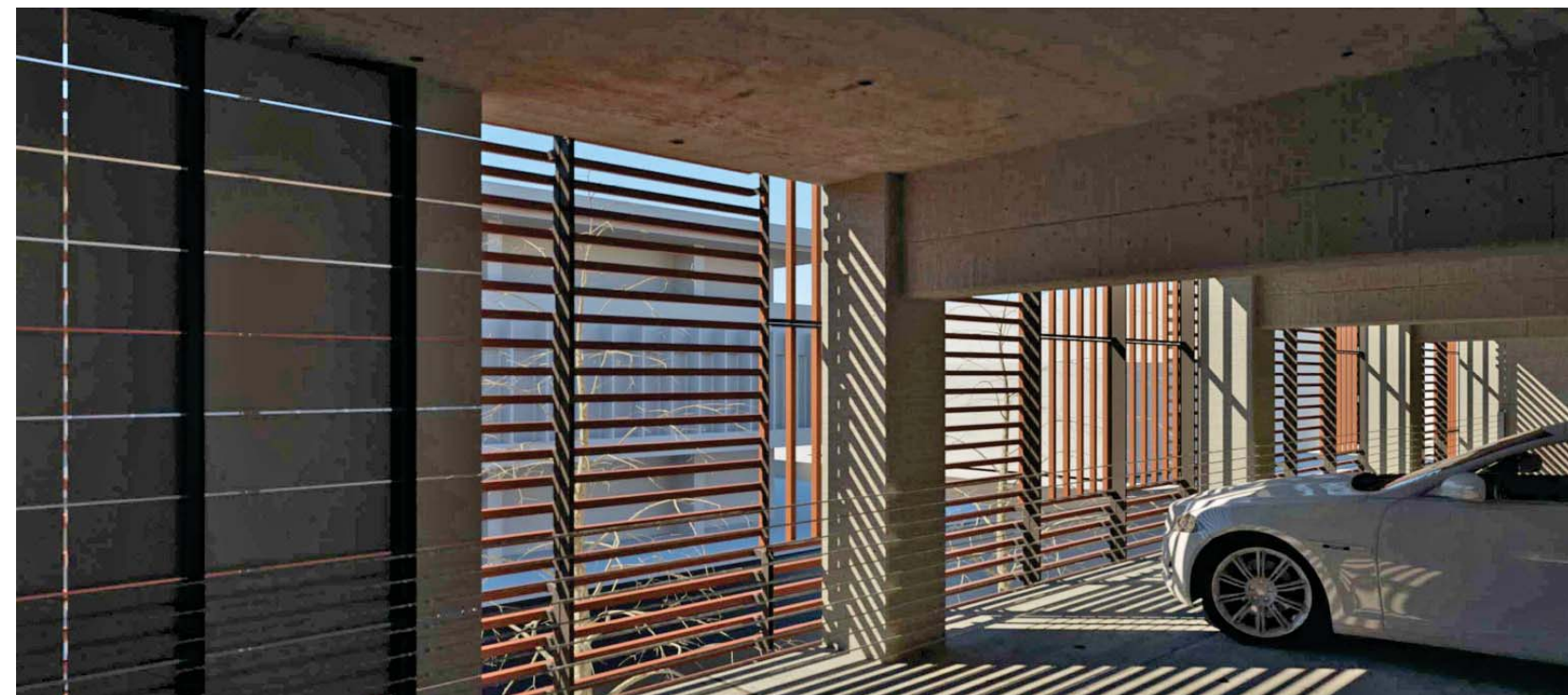
**CONCEPT APPROACH**

**01**

**Parking Garage\_350 Sherman**

**Top:** View of the grand staircase of the parking

**Bottom:** View in Garage 3rd Floor



**ARCHITECTURAL CHARACTER & MASSING**

SITE DEVELOPMENT

02

site plan  
350 Sherman



PN  
TN  
NTS

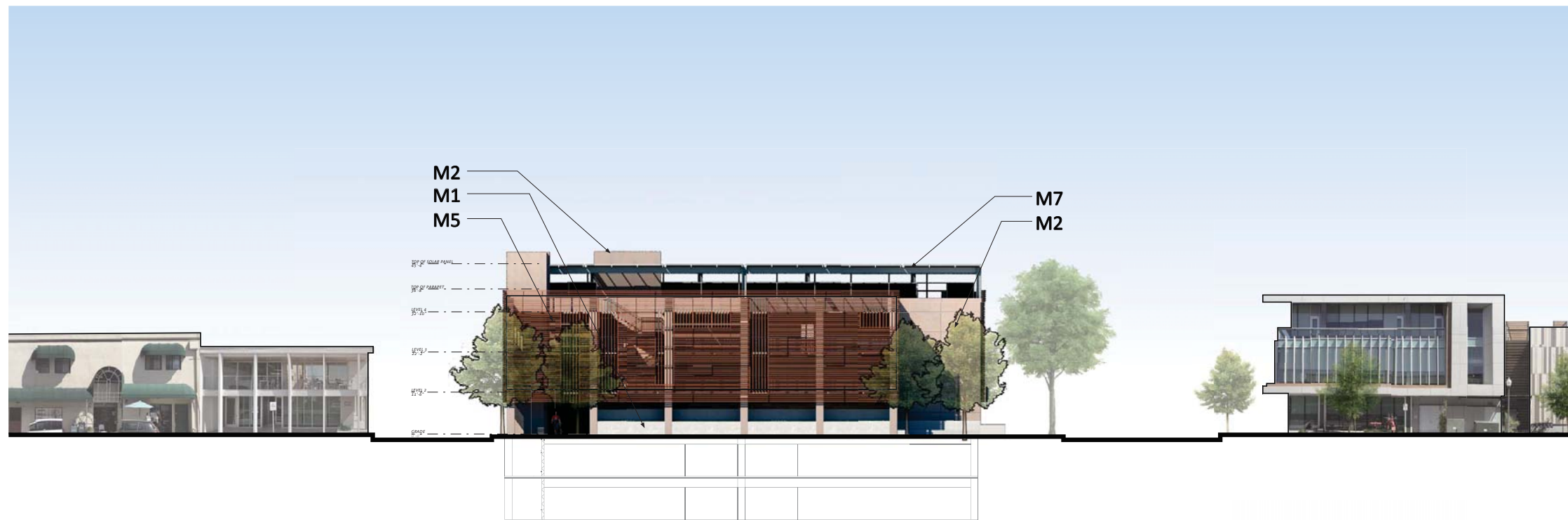
ILLUSTRATIVE SITE PLAN

ARB 02.01

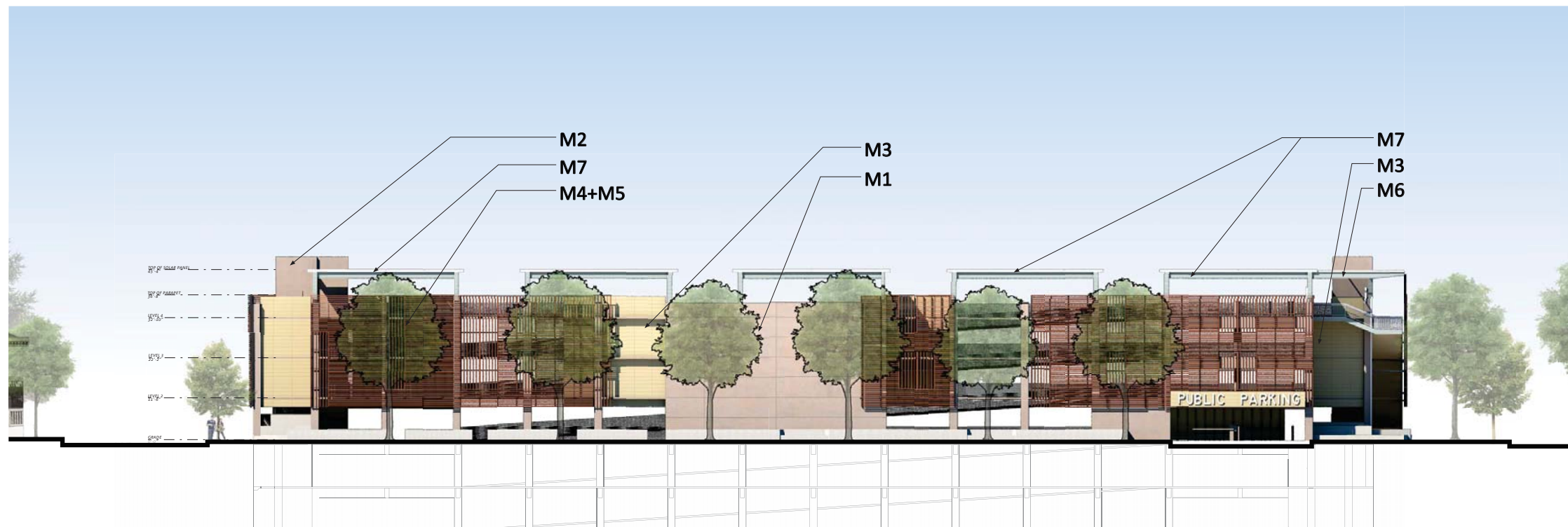
MATERIAL RELATIONSHIPS

03

building elevations  
350 Sherman



WEST ELEVATION -- ALONG ASH STREET



SOUTH ELEVATION -- ALONG SHERMAN AVE.



- M1**  
Cast-in-Place Concrete
- M2**  
Acrylic Modified Portland Cement Plaster
- M3**  
Cementitious Exterior Paneling - Sahara 7000  
(Basis of design: Swiss Pearl)
- M4**  
Vines



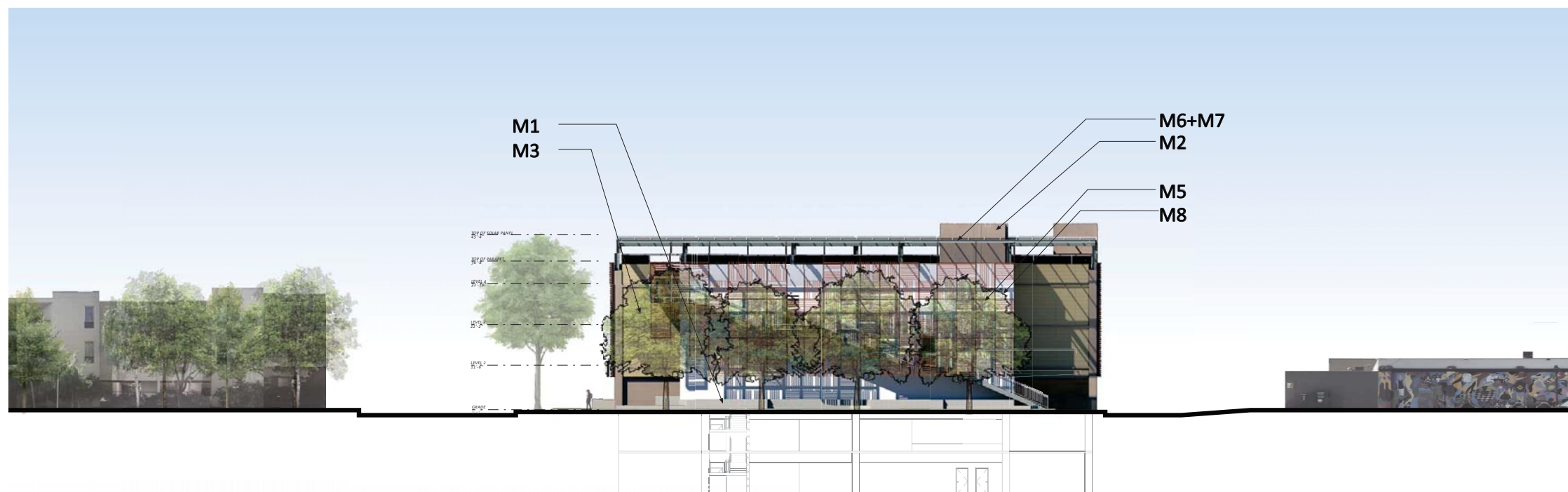
- M5**  
Terra Cotta Ceramic SunShade  
(Basis of Design: TerraClad)
- M6**  
Painted Steel Structure w/ Canopy  
(Basis of design: Dou-Gard)
- M7**  
PV Panel Supported by Painted AESS framing  
(Wood Veneer under Panel)

BUILDING ELEVATIONS

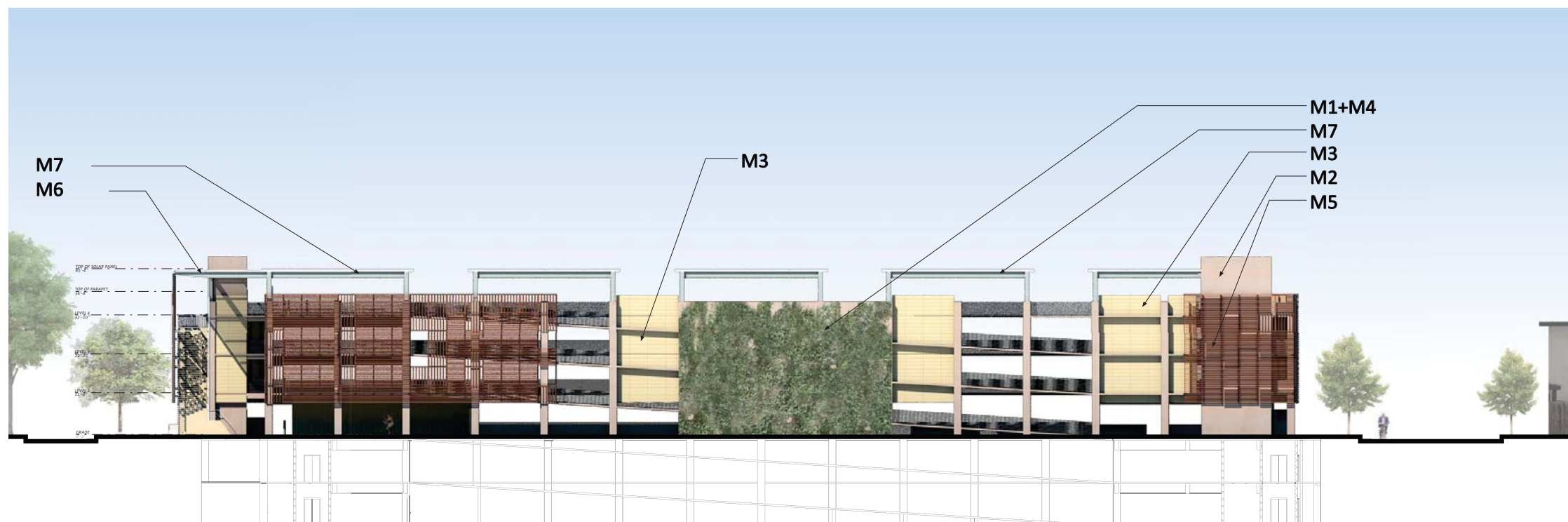
## MATERIAL RELATIONSHIPS

# 03

building elevations  
350 Sherman



EAST ELEVATION -- ALONG BIRCH STREET



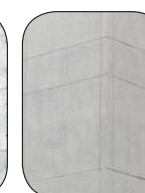
NORTH ELEVATION -- ALONG JACARANDA LANE

## BUILDING ELEVATIONS

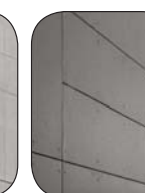
RossDrulisCusenbery ARCHITECTURE



M1  
Cast-in-Place  
Concrete



M2  
Acrylic Modified  
Portland Ce-  
ment Plaster



M3  
Cementitious  
Exterior Paneling  
- Sahara 7000  
(Basis of design:  
Swiss Pearl)



M4  
Vines



M5  
Terra Cotta Ce-  
ramic SunShade  
(Basis of Design:  
TerraClad)



M6  
Painted Steel  
Structure w/  
Canopy  
(Basis of design:  
Dou-Gard)



M7  
PV Panel Sup-  
ported by Paint-  
ed AESS framing  
(Wood Veneer  
under Panel)

ARB 03.02

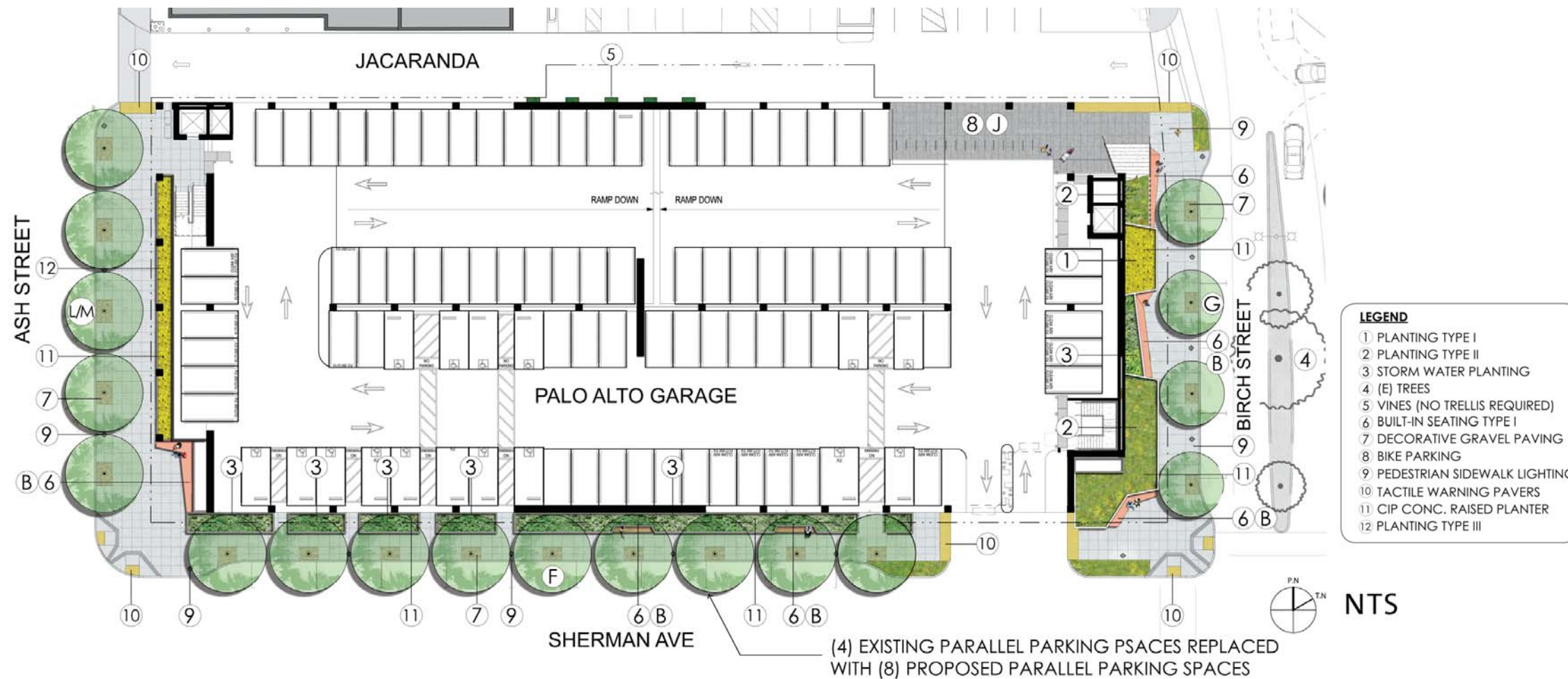
PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# LANDSCAPE CONCEPT

# 04

enlarged site plan  
350 Sherman



<p>board-formed 11</p>	<p>Platanus @ Sidewalk F</p>	<p>Silver Linden @ Ash L</p>	<p>Birch Planting (Shade) 2</p>	<p>Ash Planting (trailing shrubs) 13</p>	<p>Bench Seating 6</p>
<p>pre-cast 'terra cotta' conc. B</p>	<p>Chinese Elms @ Birch St. G</p>	<p>Cork Oak @ Ash M</p>	<p>Rain Garden Planting 3</p>	<p>Raised Planter 11</p>	<p>Bench Seating 6</p>
<p>Score Joint Pattern/Finish J</p>	<p>PLANTING TREES</p>	<p>PERENNIALS</p>	<p>VINES</p>	<p>Ficus @ Jacaranda 5</p>	<p>Street Light 9</p>
<p>PAVING</p>					<p>SITE FURNISHINGS</p>

## SITE CHARACTERISTICS - CALIFORNIA AVENUE PARKING GARAGE

ARB 04.01

LANDSCAPE CONCEPT

04

street sections  
350 Sherman



4 GARAGE - ASH STREET LOOKING NORTH



2 GARAGE - BIRCH STREET LOOKING NORTH



1 GARAGE - SHERMAN AVENUE LOOKING WEST @ SEATWALL  
1/4" = 1'-0"



ALL SECTIONS SCALE:  
1" = 5'-0"

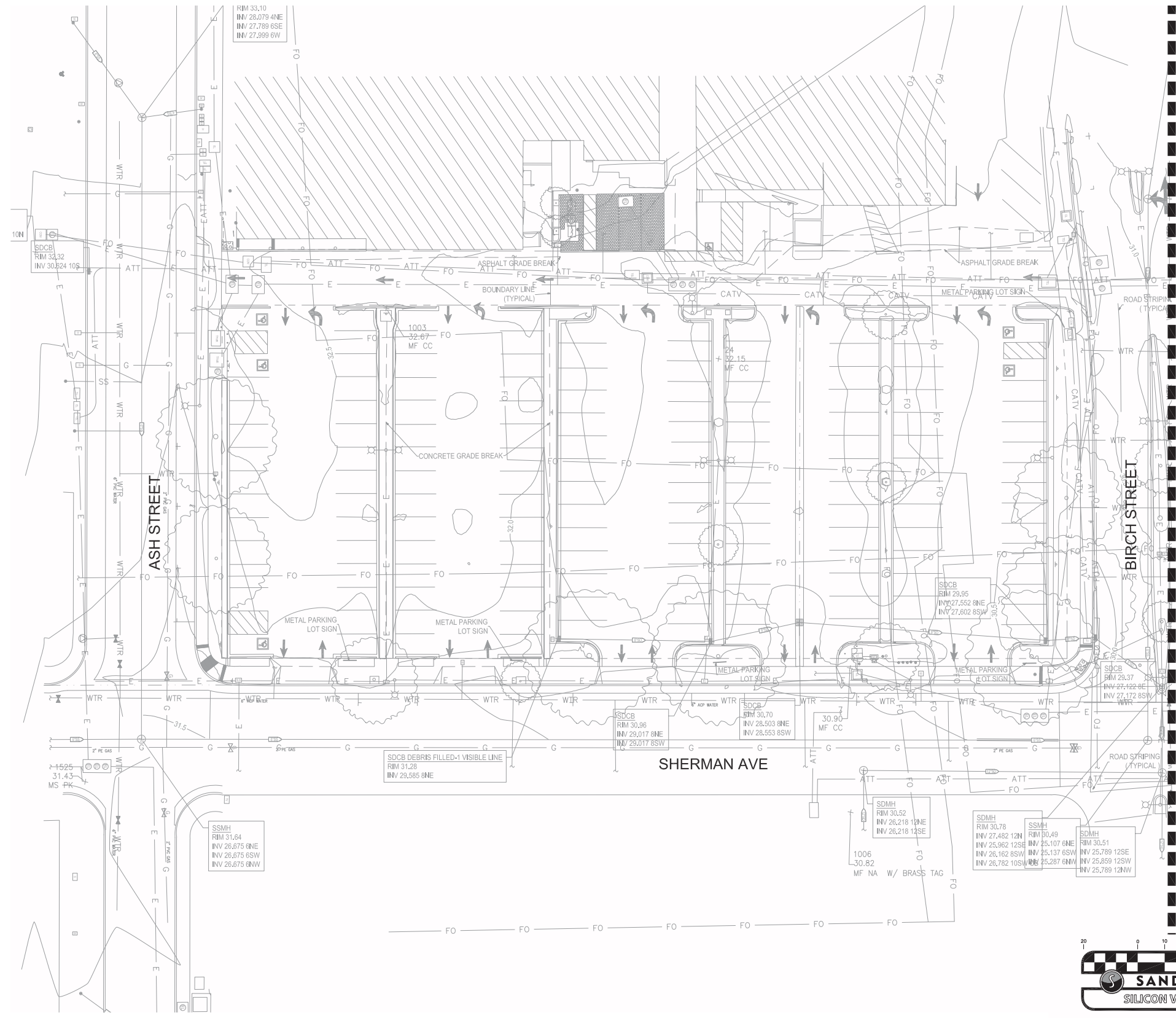


STREET SECTIONS - PSB AND PARKING GARAGE

# PLAN RELATIONSHIPS

# 05

## existing civil site plan 350 Sherman



MATCHLINE - SEE SHEET EX. ARB 12.1

### LEGEND

	EXISTING
SANITARY SEWER MAIN	8" - SS
STORM DRAIN MAIN	12" - SD
PERFORATED PIPE	6" - W
WATER MAIN	6" - W
FIRE WATER	FW
GAS LINE	G
CAP AND PLUG END	E
ELECTRIC AND SIGNAL DUCT BANK	C
COMMUNICATIONS LINE	C
WATER METER	W
WATER VALVE	WV
SANITARY SEWER MANHOLE	O
SANITARY SEWER CLEANOUT	SSCO
STORM SEWER MANHOLE	O
STORM SEWER AREA DRAIN	□
STORM SEWER INLET	□ CB
STORM SEWER CLEANOUT	SDCO

### SURVEY NOTES

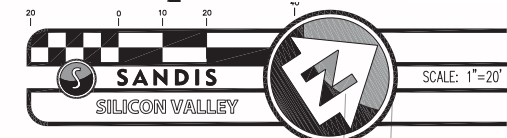
- EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN HEREON IS BASED UPON TOPOGRAPHIC SURVEYS COMPLETED BY SIEGFRIED, UNDER THE DIRECTION OF LASZLO ZOLD, PLS 8247.
- CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AND REPORT BACK TO CIVIL ENGINEER ANY DISCREPANCIES WITH PLAN PRIOR TO COMMENCEMENT OF WORK.
- TREE LOCATIONS SHOWN HEREON ARE SHOWN SYMBOLICALLY WITH SYMBOL SIZES BASED UPON TRUNK DIAMETER AT CHEST HEIGHT, AT THE LOCATION WHERE THE TREE ENTERS THE GROUND SURFACE. LOCATIONS AND SIZES OF TREE TRUNKS CAN ONLY BE CONSIDERED APPROXIMATE UNLESS OTHERWISE STATED ON THE MAP.

### BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE LINE BETWEEN SET CONTROL POINT MONUMENT 1525 AND 1526 SHOWN HEREON. THE BEARING BEING 148°53'39"W.

### BENCHMARK

THE BENCHMARK FOR THIS SURVEY IS A CHISELED SQUARE IN THE TOP OF CURB AT THE NW RETURN OF THE NW CORNER OF EL CAMINO REAL AND SHERIDAN AVENUE, CITY BENCHMARK #2079 (ELEVATION 33.08) PER THE CITY OF PALO ALTO SECONDARY VERTICAL CONTROL DATA BENCHMARK LIST. THE DATUM IS NGVD 29.



## EXISTING CIVIL SITE PLAN - PARKING GARAGE

RossDrulisCusenbery ARCHITECTURE

## ARB 05.01

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

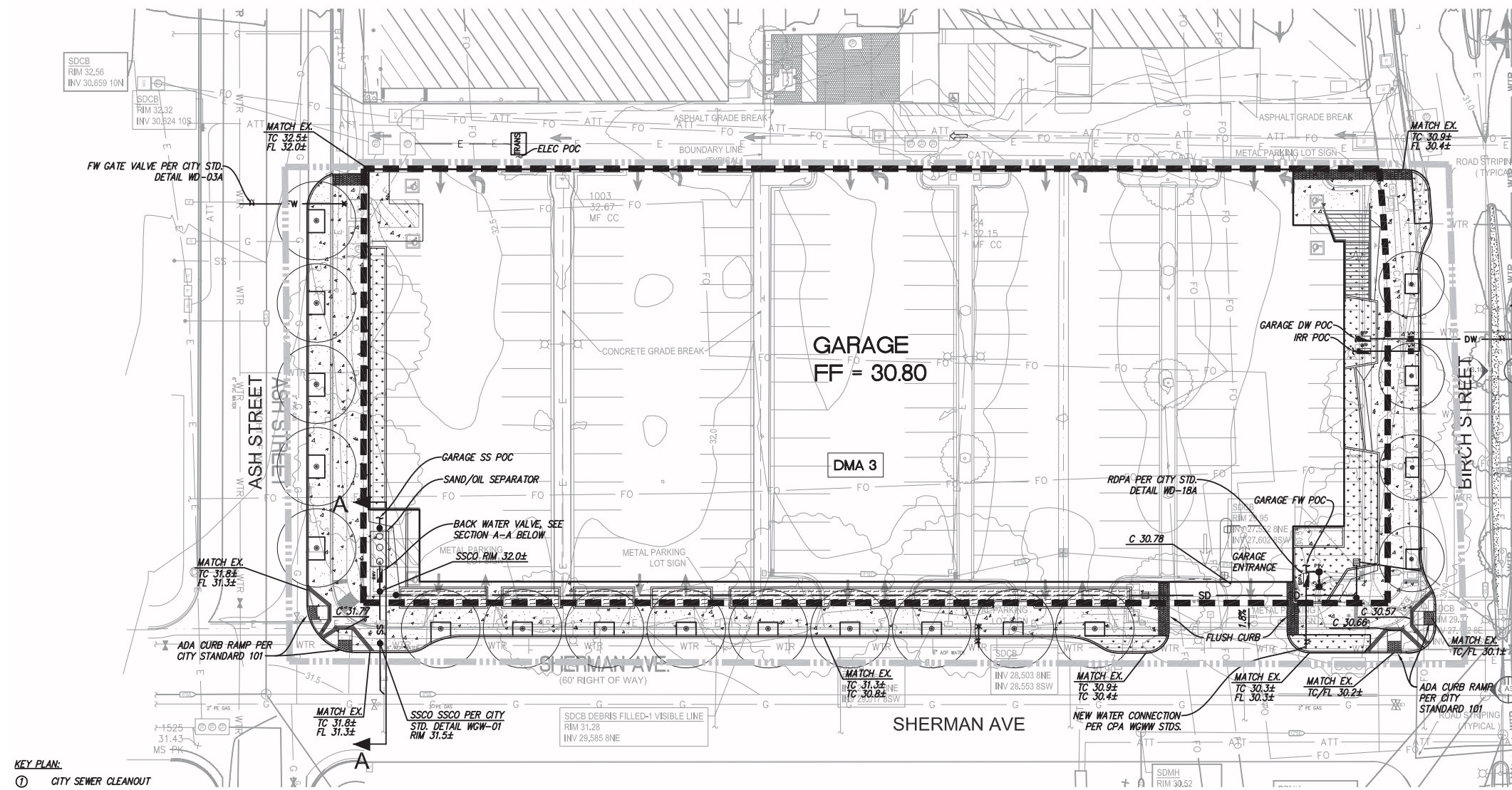
2017.12.13



# PLAN RELATIONSHIPS

# 05

## civil site plan 350 Sherman



### LEGEND

PROPERTY LINE	---	---
SCAVUT LINE	---	---
CONTOURS	---	---
TREE	○	○
HARDSCAPE	▨	▨
PLANTING	▨	▨
BIO-TREATMENT AREA	▨	▨
DRAINAGE AREA BOUNDARY	---	---
LIMIT OF WORK	---	---
SANITARY SEWER MAIN	---	---
STORM DRAIN MAIN	---	---
PERFORATED PIPE	---	---
WATER MAIN	---	---
FIRE WATER	---	---
GAS LINE	---	---
CUP AND FLUS END	---	---
ELECTRIC AND SIGNAL DUCT BANK	---	---
COMMUNICATIONS LINE	---	---
WATER METER	○	○
WATER VALVE	○	○
SANITARY SEWER MANHOLE	○	○
SANITARY SEWER CLEANOUT	○	○
STORM SEWER MANHOLE	○	○
STORM SEWER AREA DRAIN	○	○
STORM SEWER INLET	○	○
STORM SEWER CLEANOUT	○	○

### EARTHWORK QUANTITIES (GARAGE)

CUT 35 400 CY  
 FILL 35 400 CY  
 BALANCE 35 400 CY EXPORT

THE EARTHWORK QUANTITIES SHOWN ARE PROVIDED FOR THE PURPOSE OF GRADING PERMIT APPROVAL ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CARRY OUT THE UTILITY WORK/EXPORT AS NECESSARY TO MEET THE DESIGN GRADES AS SHOWN ON THE PLANS. REGARDLESS OF THE ESTIMATED EARTHWORK QUANTITIES AS INDICATED, SIGNIFICANT REVISIONS TO THE QUANTITIES NEED REVIEW BY THE CITY OF PALO ALTO. ALL SHORTAGE IS ANTICIPATED TO COME FROM ON-SITE SPOOLS ACCORDING FROM UTILITY TRENCHES AND POSTING SPOOLS.

### NOTES:

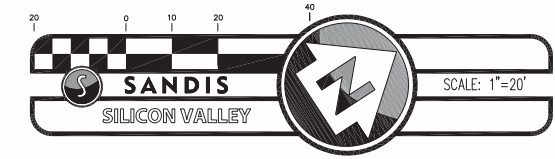
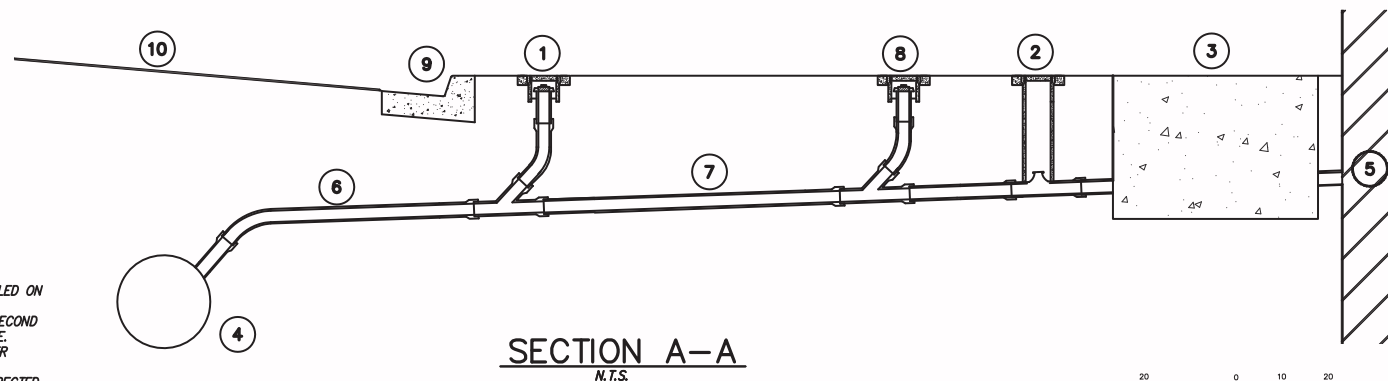
- PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM ALL STRUCTURES BY SLOPING ALL HARDSCAPE SURFACES AT 2% AND LANDSCAPE SURFACES AT 5% AWAY FROM STRUCTURES UNLESS OTHERWISE NOTED ON PLANS.
- GRADING SHALL BE IN CONFORMANCE WITH THE GEOTECHNICAL REPORT.
- COORDINATE THE PLACEMENT OF ALL SLEEVES FOR LANDSCAPE IRRIGATION (WATER AND CONTROL WIRING) AND SITE LIGHTING PRIOR TO THE PLACEMENT OF ANY ASPHALT, BASECOURSE OF CONCRETE SURFACING, SEE LANDSCAPING AND SITE ELECTRICAL DRAWINGS.
- ROUGH GRADING TO BE WITHIN 0.1' AND FINISH GRADES ARE TO BE WITHIN 0.05'; HOWEVER CONTRACTOR SHALL NOT CONSTRUCT ANY IMPROVEMENTS THAT WILL CAUSE WATER TO POND OR NOT MEET REQUIREMENTS IN GRADING NOTE #1 OR THE ADA REQUIREMENTS BELOW. DO NOT ADJUST GRADES ON THIS PLAN WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS, AND DIMENSIONS AS SET FORTH ON THESE PLANS. ALL GRADED AREAS SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITH A TOLERANCE OF ONE-TENTH OF A FOOT. UNEVEN GRADED AREAS DO NOT CONFORM TO THESE TOLERANCES, THE CONTRACTORS SHALL BE REQUIRED TO DO CORRECTIVE GRADING, AT NO EXTRA COST TO THE CLIENT/OWNER.
- APPLICANT AND CONTRACTOR WILL BE RESPONSIBLE FOR RESURFACING PORTIONS OF SHERMAN, BIRCH AND/OR PARK BASED THE ROADWAY SURFACE CONDITION AFTER PROJECT COMPLETION AND LIMITS OF TRENCH WORK. AT A MINIMUM PAVEMENT RESURFACING OF THE FULL WIDTH OF THE STREET ALONG THE PROJECT FRONTAGE MAY BE REQUIRED.
- AREAS LACKING TOPOGRAPHIC INFORMATION (ELEVATIONS) HAVE BEEN INTERPOLATED USING STANDARD ENGINEERING METHODS. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS AT CONFORMS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND REPORT BACK ANY DISCREPANCIES TO THE CIVIL ENGINEER.
- ADJUST ANY MANHOLE OR UTILITY STRUCTURES TO PROPOSED GRADE PRIOR TO INSTALLING FINAL LIFT OF AC OR POURING CONCRETE.
- UTILITIES TO BE REMOVED SHALL BE DEMOLISHED TO THE PUBLIC MAIN PER CPA W/WW STANDS.
- PRIOR TO WORKING IN AN AREA THAT REQUIRES TREE PROTECTION, URBAN FORESTRY SHALL BE CONTACTED AT 650-496-5953.
- ALL WORK ON GRAU GAS SYSTEM TO BE PERFORMED BY CPAU.

### KEY PLAN:

- CITY SEWER CLEANOUT
- BACK WATER VALVE, SEE NOTES BELOW
- SAND/OIL SEPARATOR
- SEWER MAIN
- GARAGE POINT OF CONNECTION
- CITY SEWER LATERAL - LOWER LATERAL
- BUILDING SEWER LINE - UPPER LATERAL
- BUILDING SEWER CLEANOUT
- CURB AND GUTTER
- SHERMAN AVE. AC

### BACKWATER NOTES:

- A BACKWATER VALVE MUST BE INSTALLED FOR PLUMBING FIXTURES INSTALLED ON FLOOR LEVELS THAT ARE CONSIDERED GROUND LEVEL OR LOWER LEVELS.
- SEWER FIXTURES LOCATED ABOVE GROUND LEVEL THAT ARE CONSIDERED SECOND FLOOR OR HIGHER SHALL NOT DISCHARGE THROUGH THE BACKWATER VALVE. THE BACKWATER VALVE SHALL BE A RETORSEAL CLEAN CHECK BACKWATER VALVE OR APPROVED EQUAL.
- THE BACKWATER VALVE MUST BE AN APPROVED DEVICE AND MUST BE INSPECTED BY BUILDING INSPECTOR.
- THE DEVICE MUST BE EASILY ACCESSIBLE WITH AN EASY TO REMOVE AND MAINTAIN ASSEMBLY.
- CLEANOUTS FOR DRAINS THAT PASS THROUGH A BACKWATER VALVE SHALL BE CLEARLY IDENTIFIED WITH A PERMANENT LABEL STATING "BACKWATER VALVE UPSTREAM"



Treatment Control Measure	Drainage Area	Impervious Area	Percent Impervious	MAP/Rate	MAP/Volume	Correction Factor	Soil Type	Average Slope		TCM Design Volume
								%	Inches	
DMA-3	41,844.00	40,490.00	97%	28	13.5	1.0		2%	0.75	2,548

Treatment Control Measure	Corrected Lateral Basin Storage	Intensity	Duration	Surface Area Provided	Infiltration Rate	Volume of Treated Runoff	Runoff Reduction for Parking	Average Ponding Depth
AREA 3	0.73	0.2	3.65	1,051	5	1588	647.11	10.81

# CIVIL SITE PLAN - PARKING GARAGE

# PLAN RELATIONSHIPS

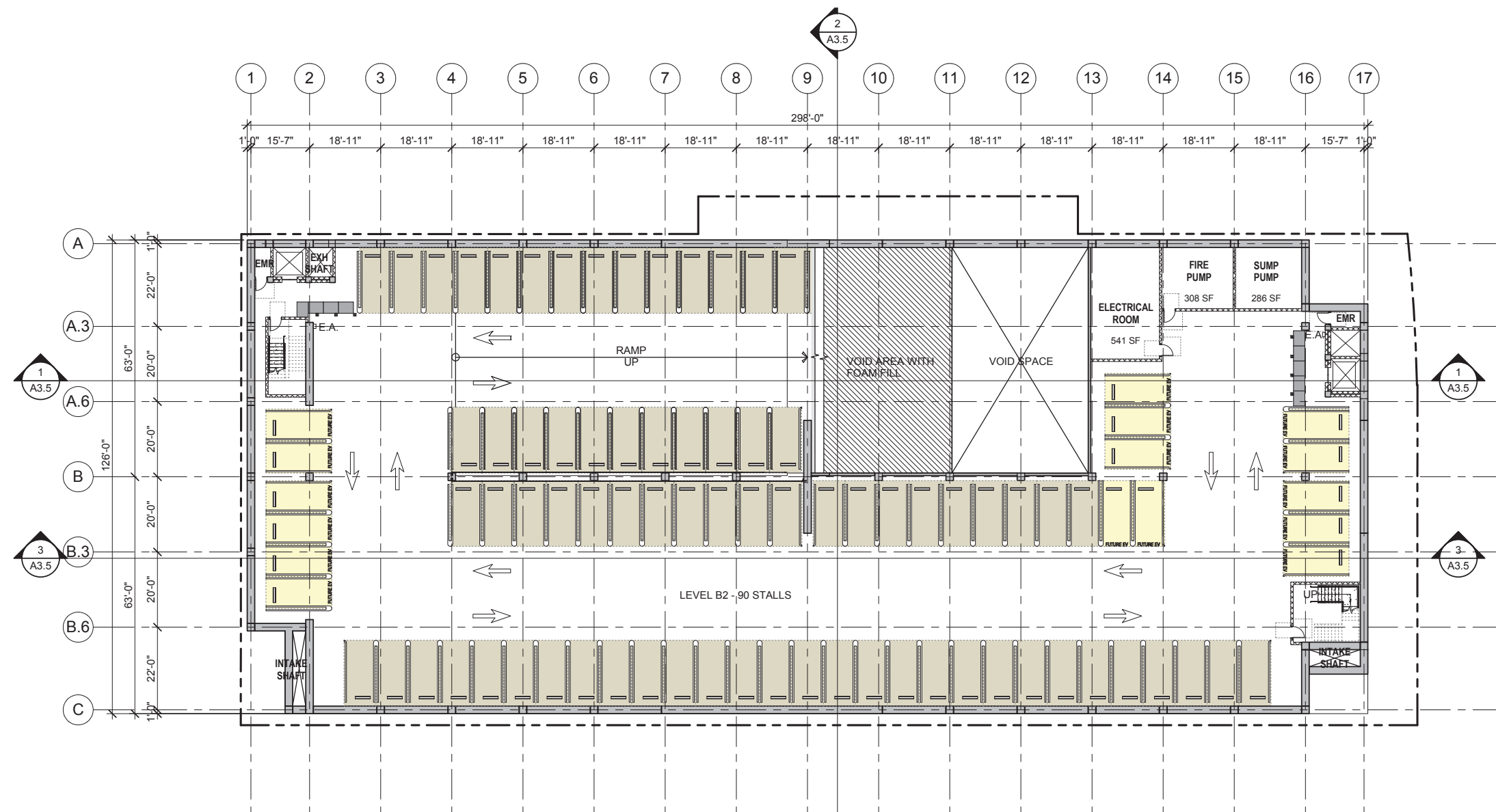
# 05

## floor plans 350 Sherman

### LEGEND

- INDICATES INTERNATIONAL SYMBOL OF ACCESSIBILITY. SEE DETAIL (14/A6.1)
  - INDICATES ACCESSIBLE PARKING SIGN. SEE DETAIL (12/A6.1)
  - FIRE EXTINGUISHER IN CABINET, FOR CONNECTION. SEE DETAIL (16/A6.2)
  - FIRE EXTINGUISHER IN FIRE HOSE CABINET PER MECHANICAL DRAWINGS.
  - INDICATES WHEEL STOP. SEE DETAIL (10/A6.1)
  - INDICATES FLOOR DRAIN LOCATION. SEE DRAINAGE PLANS.
  - INDICATES TRENCH DRAIN LOCATION. SEE DRAINAGE PLANS.
  - INDICATES BARRIER RAIL. SEE DETAIL (11/A7.1)
  - FIRE RISER. SEE FIRE PROTECTION DRAWINGS.
  - DRY STANDPIPE. SEE FIRE PROTECTION DRAWINGS.
  - INDICATES STALL STRIPE. SEE SHEET (A6.1) FOR STRIPING DETAILS.
  - INDICATES PARKING DIRECTION ARROWS. SEE SHEET (A6.1) FOR STRIPING DETAILS.
  - H.S. INDICATES HOSE BIBB. SEE PLUMBING AND FIRE PROTECTION DRAWINGS.
  - E.A. EMERGENCY ALERT CALL STATION. SEE SECURITY DRAWINGS.
  - INDICATES DETECTABLE WARNING STRIP. SEE DETAIL (5/A6.2)
  - INDICATES TRUNCATED DOME STAMPED CONCRETE. SEE DETAIL (6/A6.2)
  - E.A. INDICATES FUTURE EMERGENCY ALARM
  - O FHV INDICATES FIRE HOSE VALVE
  - A.D. INDICATES AREA DRAIN
  - INDICATES TRUNCATED CONCRETE STAMPED BARS. SEE DETAIL (7/A6.2)
- THIS BUILDING WILL NOT HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM.

- UNINSTALL  
8'-6" x 18'-0"
- ACCESSIBLE  
9'-0" x 18'-0"
- ACCESSIBLE VAN  
9'-0" x 18'-0"
- ACCESSIBLE EV VAN  
12'-0" x 18'-0"
- DESIGNATED  
8'-6" x 18'-0"
- EV  
8'-6" x 18'-0"
- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



**B2 FLOOR**

## FLOOR PLANS PARKING GARAGE - B2 FLOOR

RossDrulisCusenbery ARCHITECTURE

**ARB 05.03**

**PALO ALTO CALIFORNIA AVE. PARKING GARAGE**

2017.12.13

# PLAN RELATIONSHIPS

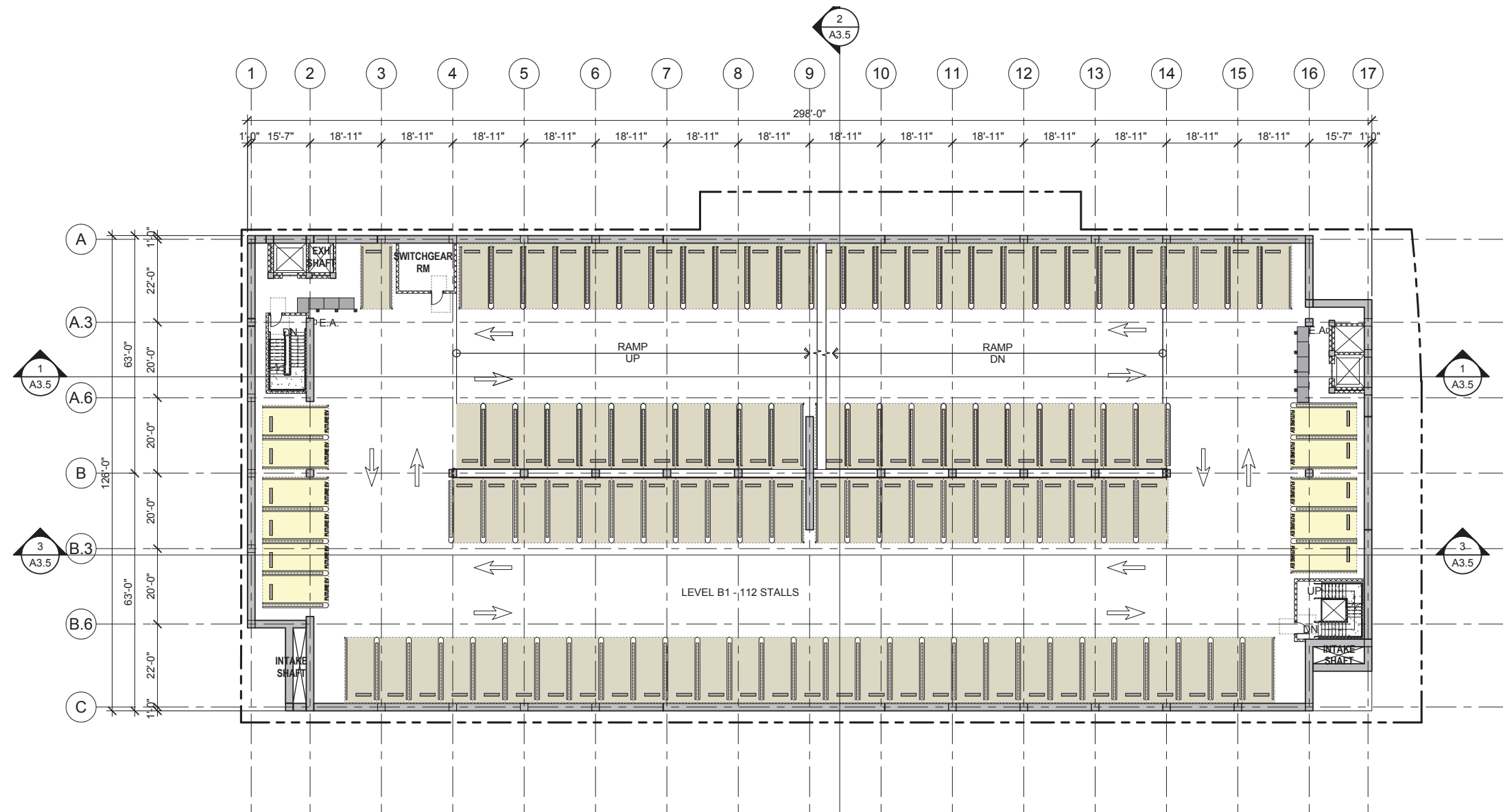
# 05

## floor plans 350 Sherman

### LEGEND

- INDICATES INTERNATIONAL SYMBOL OF ACCESSIBILITY. SEE DETAIL (14/A6.1)
  - INDICATES ACCESSIBLE PARKING SIGN. SEE DETAIL (12/A6.1)
  - FIRE EXTINGUISHER IN CABINET, FOR CONNECTION. SEE DETAIL (16/A6.2)
  - FIRE EXTINGUISHER IN FIRE HOSE CABINET PER MECHANICAL DRAWINGS.
  - INDICATES WHEEL STOP. SEE DETAIL (10/A6.1)
  - INDICATES FLOOR DRAIN LOCATION. SEE DRAINAGE PLANS.
  - INDICATES TRENCH DRAIN LOCATION. SEE DRAINAGE PLANS.
  - INDICATES BARRIER RAIL. SEE DETAIL (11/A7.1)
  - \*F.R. FIRE RISER. SEE FIRE PROTECTION DRAWINGS.
  - \*D.S.P. DRY STANDPIPE. SEE FIRE PROTECTION DRAWINGS.
  - INDICATES STALL STRIPE. SEE SHEET (A6.1) FOR STRIPING DETAILS.
  - INDICATES PARKING DIRECTION ARROWS. SEE SHEET (A6.1) FOR STRIPING DETAILS.
  - H.S. INDICATES HOSE BIBB. SEE PLUMBING AND FIRE PROTECTION DRAWINGS.
  - \*E.A. EMERGENCY ALERT CALL STATION. SEE SECURITY DRAWINGS.
  - INDICATES DETECTABLE WARNING STRIP. SEE DETAIL (5/A6.2)
  - INDICATES TRUNCATED DOME STAMPED CONCRETE. SEE DETAIL (6/A6.2)
  - E.A. INDICATES FUTURE EMERGENCY ALARM
  - O FHV INDICATES FIRE HOSE VALVE
  - A.D. INDICATES AREA DRAIN
  - INDICATES TRUNCATED CONCRETE STAMPED BARS. SEE DETAIL (7/A6.2)
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9'-0" x 18'-0"
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9'-0" x 18'-0"
- ACCESSIBLE EV VAN  
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- DESIGNATED  
8'-6" x 18'-0"
- EV  
8'-6" x 18'-0"
- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



SCALE: 1/16" = 1'-0"

**B1 FLOOR**

## FLOOR PLANS PARKING GARAGE - B1 FLOOR

RossDrulisCusenbery ARCHITECTURE

**ARB 05.04**

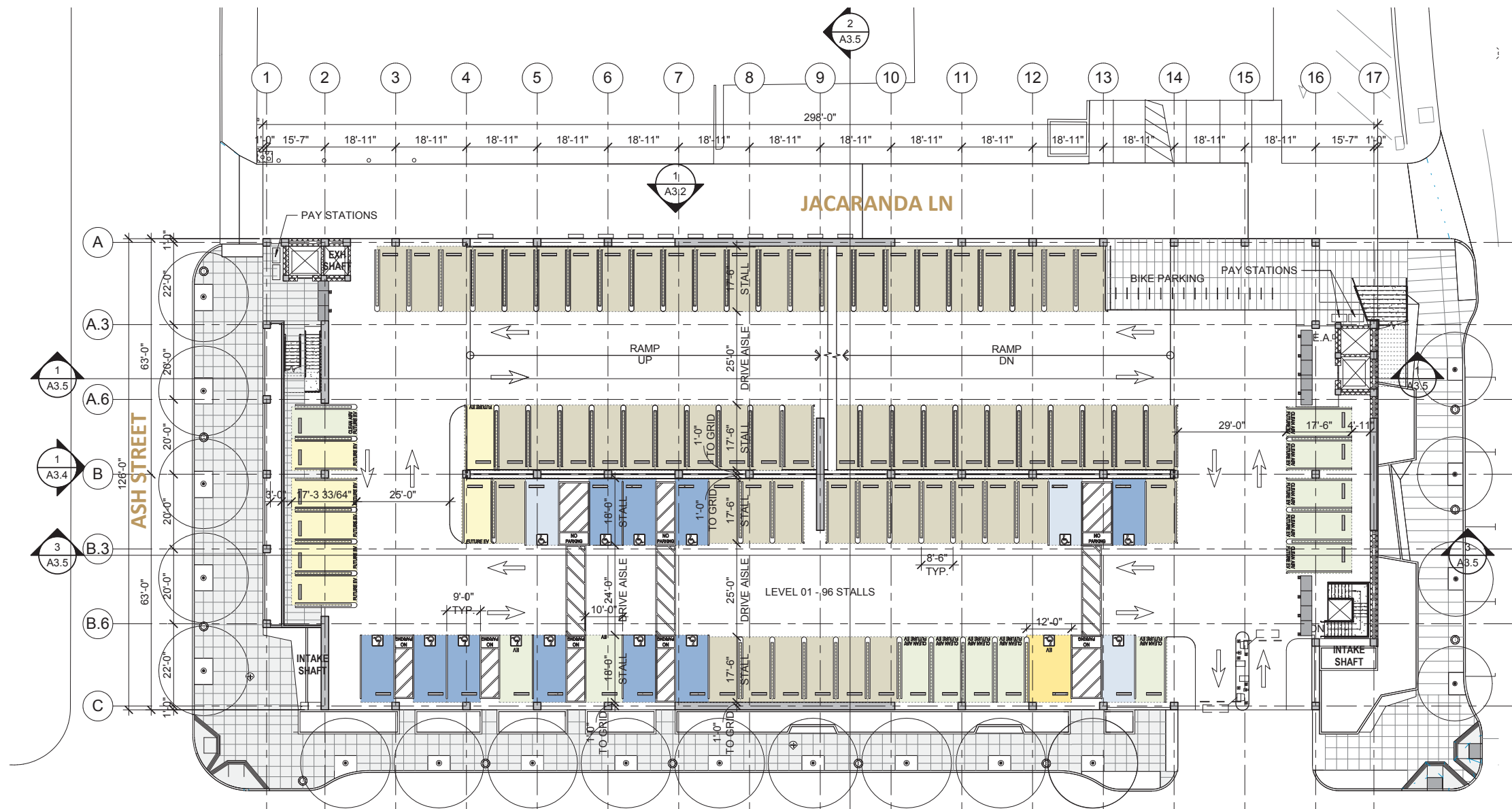
**PALO ALTO CALIFORNIA AVE. PARKING GARAGE**

2017.12.13

# PLAN RELATIONSHIPS

# 05

## floor plans 350 Sherman



### LEGEND

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- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



SCALE: 1/16" = 1'-0"

1ST FLOOR

## FLOOR PLANS PARKING GARAGE - 1ST FLOOR

RossDrulisCusenbery ARCHITECTURE

ARB 05.05

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# PLAN RELATIONSHIPS

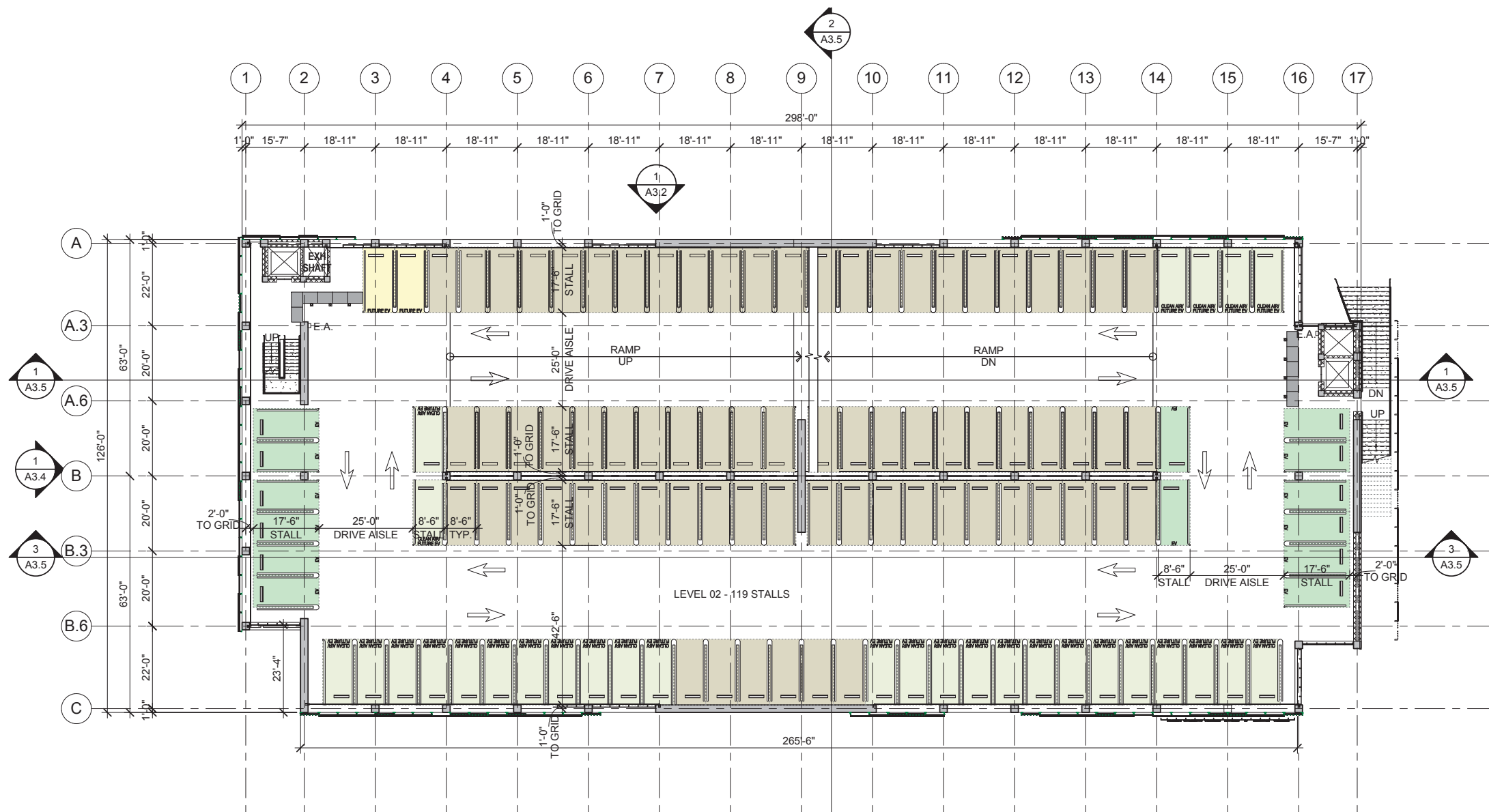
# 05

## floor plans 350 Sherman

### LEGEND

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- ACCESSIBLE VAN  
9'-0" x 18'-0"
- ACCESSIBLE EV VAN  
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- DESIGNATED  
8'-6" x 18'-0"
- EV  
8'-6" x 18'-0"
- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



SCALE: 1/16" = 1'-0"

2ND FLOOR

## FLOOR PLANS PARKING GARAGE - 2ND FLOOR

RossDrulisCusenbery ARCHITECTURE

ARB 05.06

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# PLAN RELATIONSHIPS

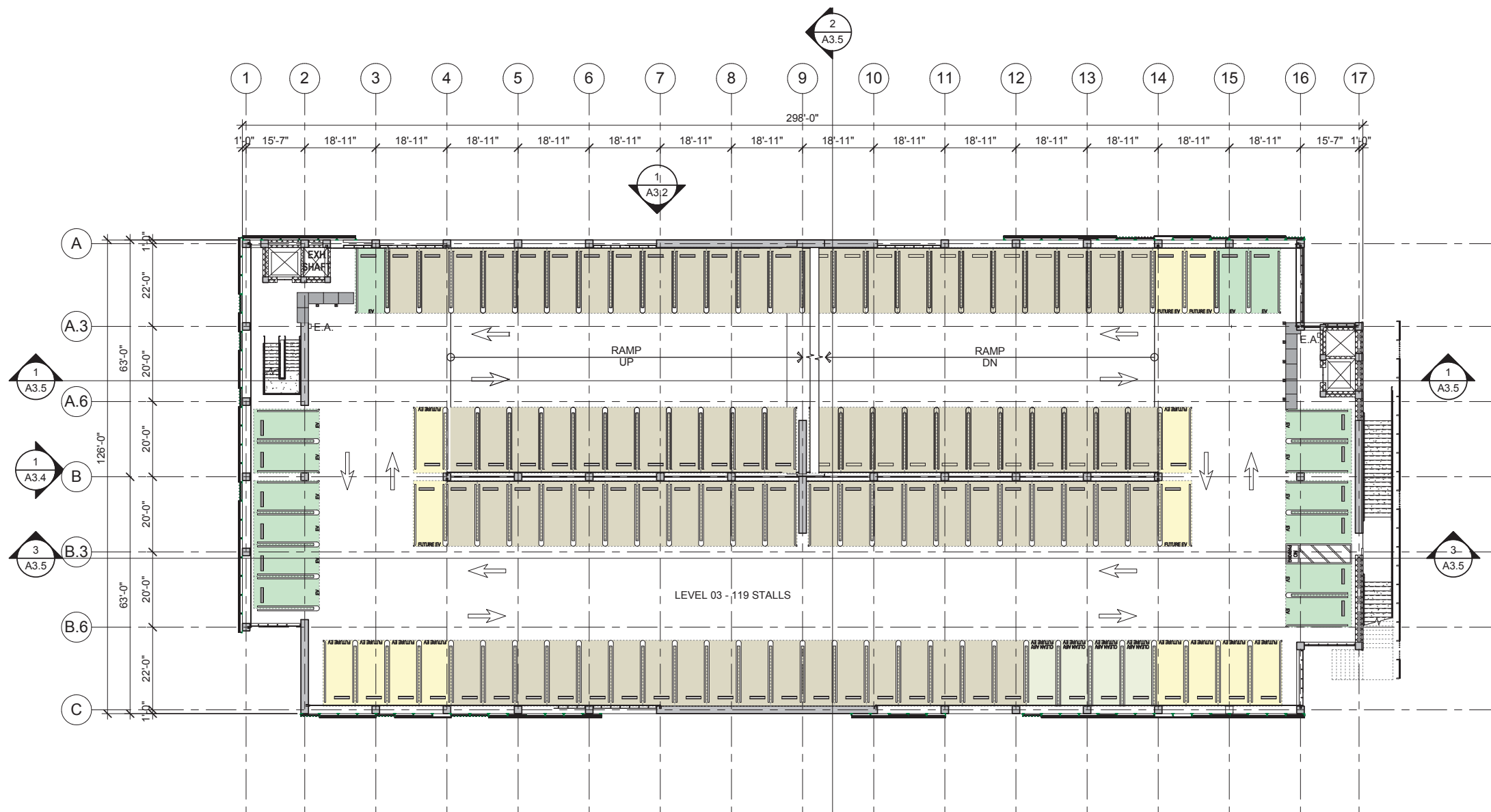
# 05

## floor plans 350 Sherman

### LEGEND

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8'-6" x 18'-0"
- ACCESSIBLE  
9'-0" x 18'-0"
- ACCESSIBLE VAN  
9'-0" x 18'-0"
- ACCESSIBLE EV VAN  
12'-0" x 18'-0"
- DESIGNATED  
8'-6" x 18'-0"
- EV  
8'-6" x 18'-0"
- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



SCALE: 1/16" = 1'-0"

3RD FLOOR

## FLOOR PLANS PARKING GARAGE - 3RD FLOOR

RossDrulisCusenbery ARCHITECTURE

ARB 05.07

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# PLAN RELATIONSHIPS

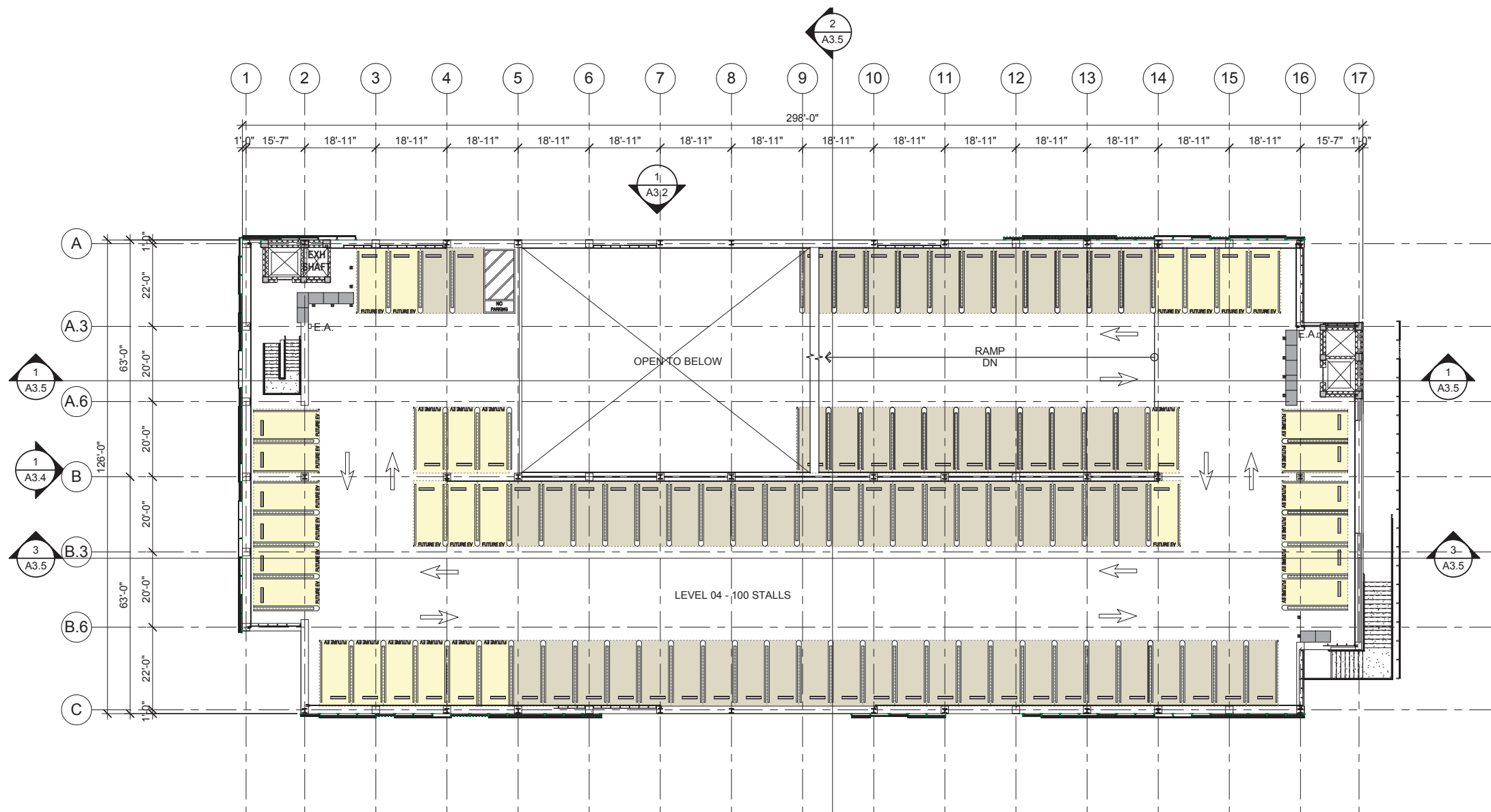
# 05

## floor plans 350 Sherman

### LEGEND

- INDICATES INTERNATIONAL SYMBOL OF ACCESSIBILITY. SEE DETAIL (14/A6.1)
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  - O FHV INDICATES FIRE HOSE VALVE
  - A.D. INDICATES AREA DRAIN
  - INDICATES TRUNCATED CONCRETE STAMPED BARS. SEE DETAIL (7/A6.2)
- THIS BUILDING WILL NOT HAVE AN AUTOMATIC FIRE SPRINKLER SYSTEM.

- UNINSTALL  
8'-6" x 18'-0"
- ACCESSIBLE  
9'-0" x 18'-0"
- ACCESSIBLE VAN  
9'-0" x 18'-0"
- ACCESSIBLE EV VAN  
12'-0" x 18'-0"
- DESIGNATED  
8'-6" x 18'-0"
- EV  
8'-6" x 18'-0"
- FUTURE EV  
8'-6" x 18'-0"
- AMBULATORY  
10'-0" x 18'-0"



4TH FLOOR

## FLOOR PLANS PARKING GARAGE - 4TH FLOOR

RossDrulisCusenbery ARCHITECTURE

ARB 05.08

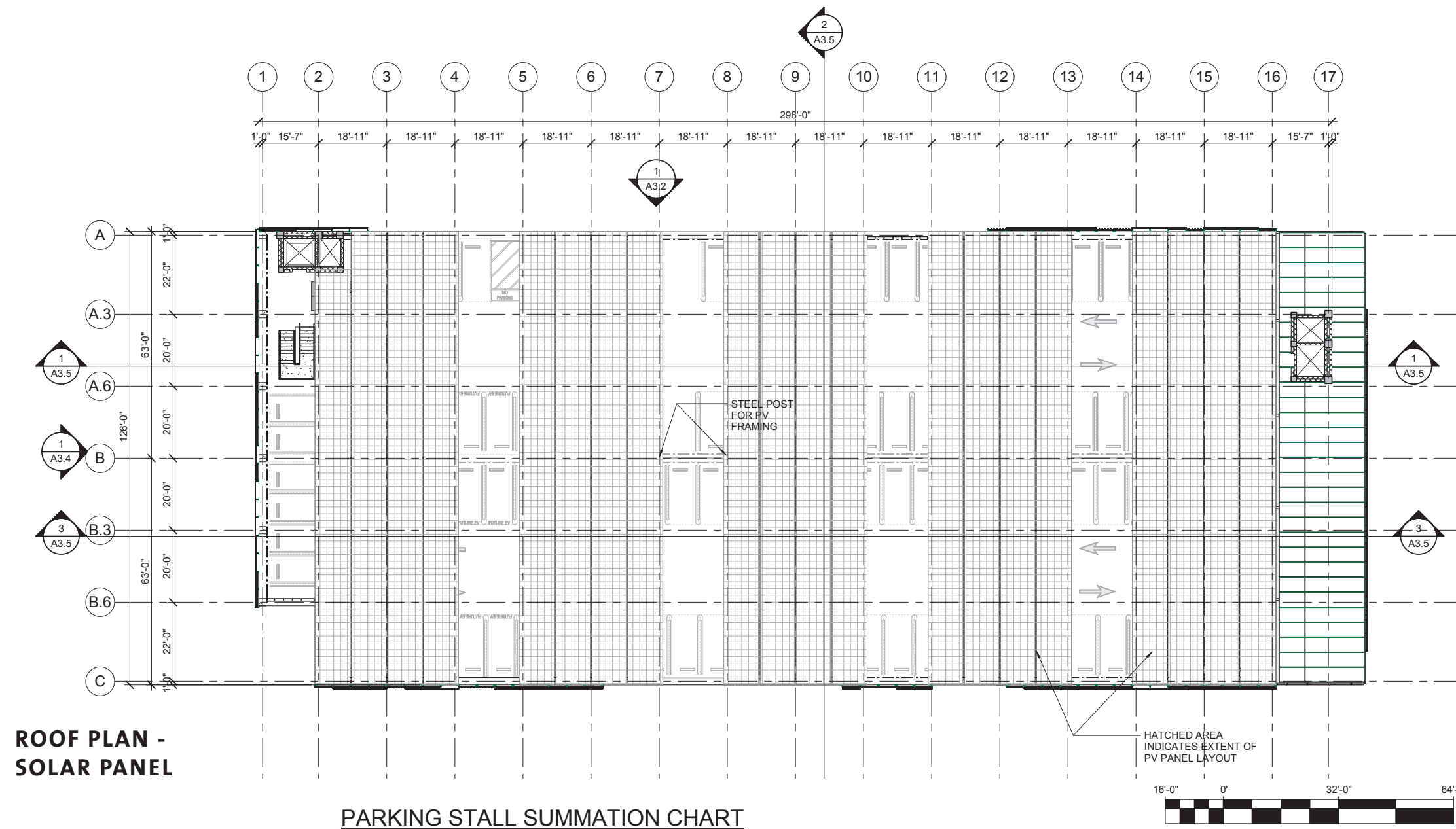
PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# PLAN RELATIONSHIPS

# 05

floor plans  
350 Sherman



**ROOF PLAN -  
SOLAR PANEL**

**PARKING STALL SUMMATION CHART**

LEVEL	TYPE									TOTAL	AREA	SQUARE FOOT PER STALL
	VAN ACCESSIBLE (9'-0" x 18'-0")	ACCESSIBLE (9'-0" x 18'-0")	STANDARD (8'-6" x 17'-0")	VAN ACCESSIBLE EV (12'-0" x 18'-0")	ACCESSIBLE EV (9'-0" x 18'-0")	AMBULATORY EV (9'-0" x 18'-0")	STANDARD EV (8'-6" x 17'-0")	FUTURE PROVISION (EV) (8'-6" x 17'-0")	CLEAN AIR/ CARPOOL (8'-6" x 17'-0")			
FOURTH LEVEL	0	0	68	0	0	0	0	32	0	100	31,900	319
THIRD LEVEL	0	0	86	0	0	0	15	14	4	119	36,300	305
SECOND LEVEL	0	0	73	0	0	0	14	2	30	119	36,300	305
GROUND LEVEL	3	10	62	1	1	1	0	7	11	96	36,300	378
B1 LEVEL	0	0	101	0	0	0	0	11	0	112	37,100	331
B2 LEVEL	0	0	74	0	0	0	0	16	0	90	32,800	364
<b>TOTAL</b>	<b>3</b>	<b>10</b>	<b>464</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>29</b>	<b>82</b>	<b>45</b>	<b>636</b>	<b>210,700</b>	<b>331</b>

## FLOOR PLANS PARKING GARAGE - ROOF PLAN WITH SOLAR PANEL / PARKING COUNTS

ARB 05.09

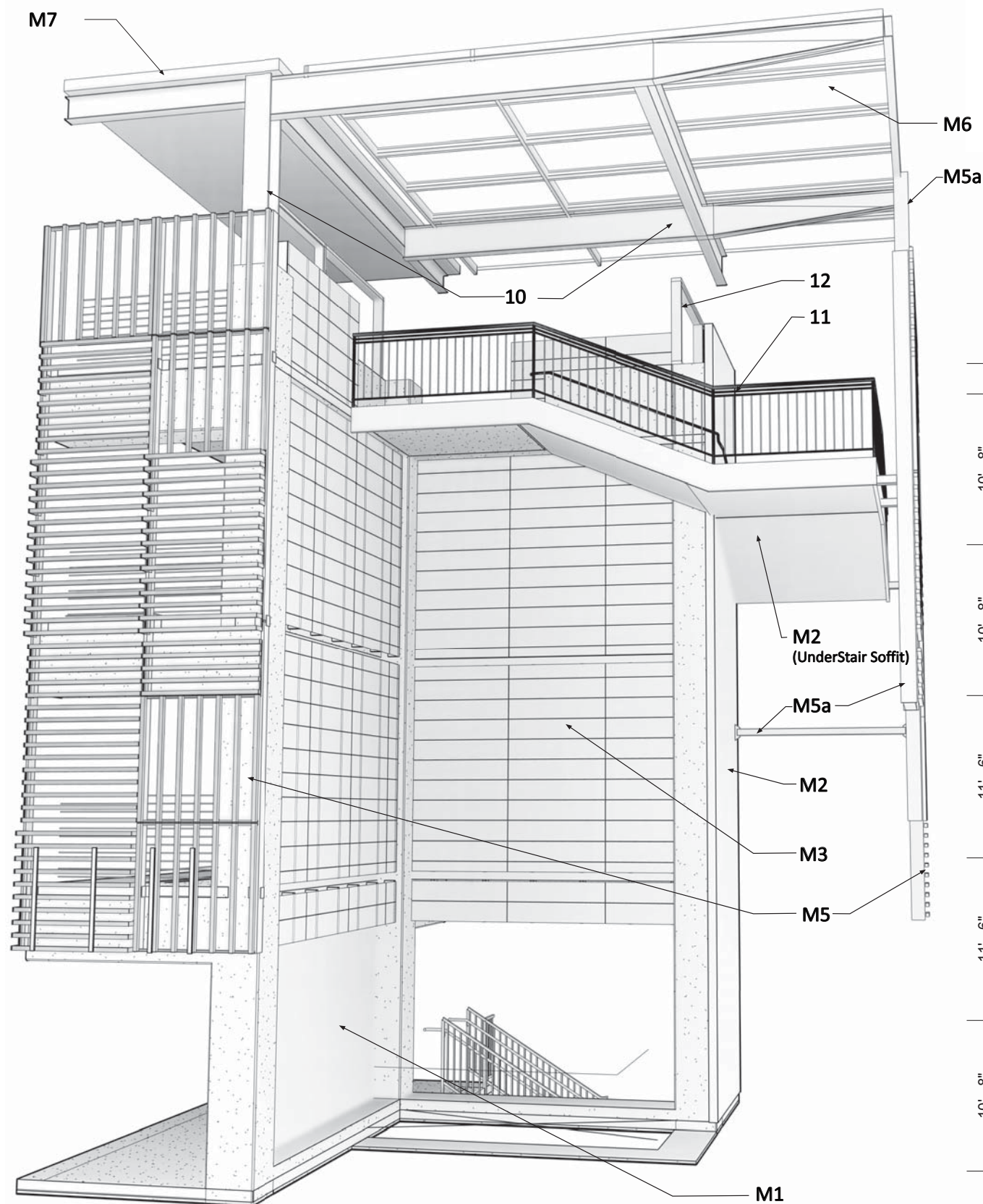


# CONCEPTUAL DETAILS

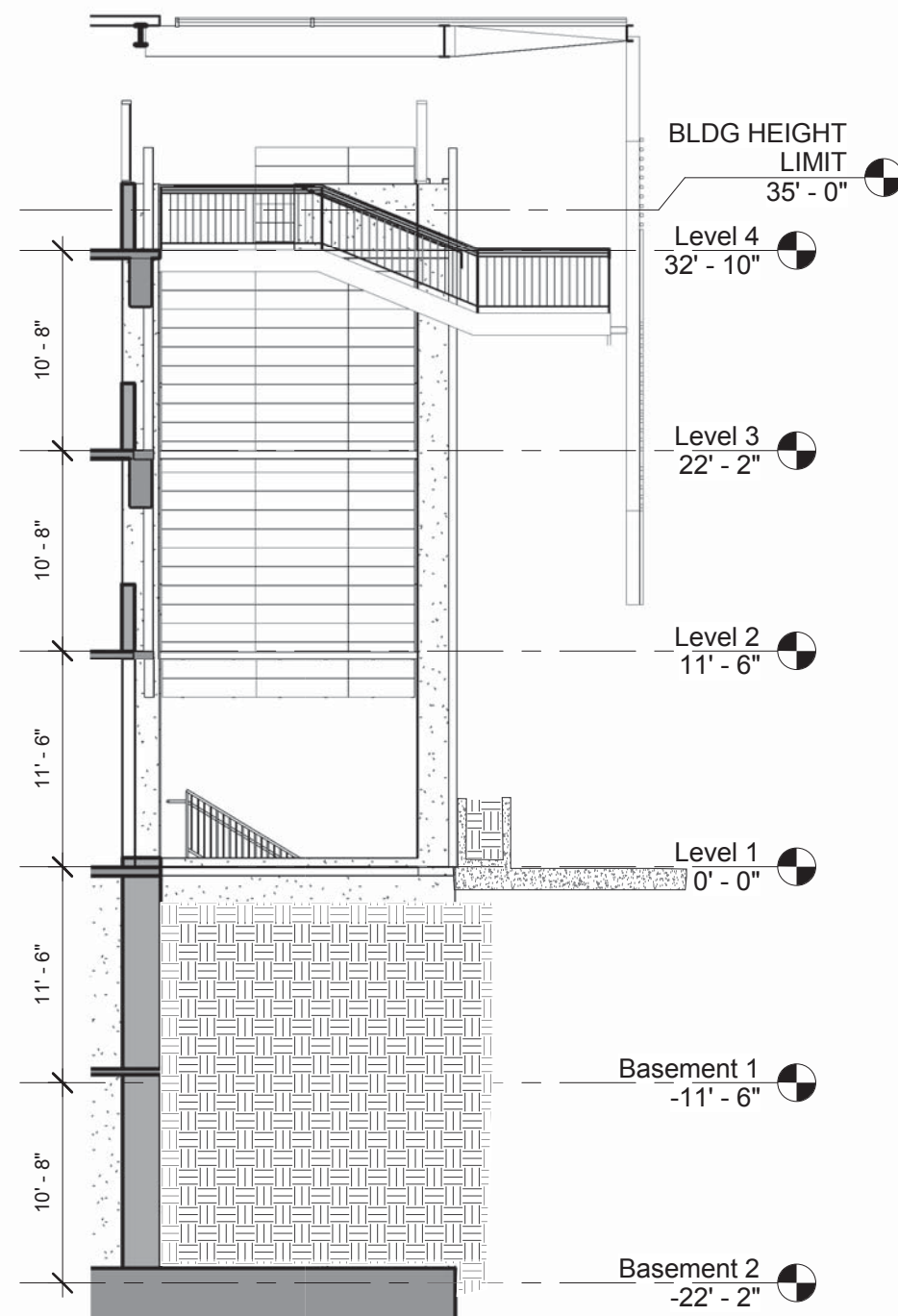
# 06

## Wall sections/Details 350 Sherman

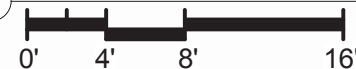
- M1 Cast-in-Place Concrete
- M2 Acrylic Modified Portland Cement Plaster
- M3 Cementitious Exterior Paneling, Color -Sahara (Basis of design: Swiss Pearl)
- M3a Metal Tube Framing; Painted
- M5 Terra Cotta Ceramic Baquettes 2 in x2 in x 5 ft (Basis of Design: TerraClad)
- M5a Metal Support Framing ; Painted accent color
- M6 Translucent Canopy (Basis of design: Dou-Gard) w/ Aluminum framing
- M7 PV Panel, with Wood Veneer under Panel
- 10 Painted Steel Superstructure , Supporting PV and canopy
- 11 Painted Steel Railing and Stair Stringer with Stainless Steel Handrail
- 12 Anodized Aluminum Storefront System



② Detail- Perspective at Birch and Sherman



① Wall Section at Birch



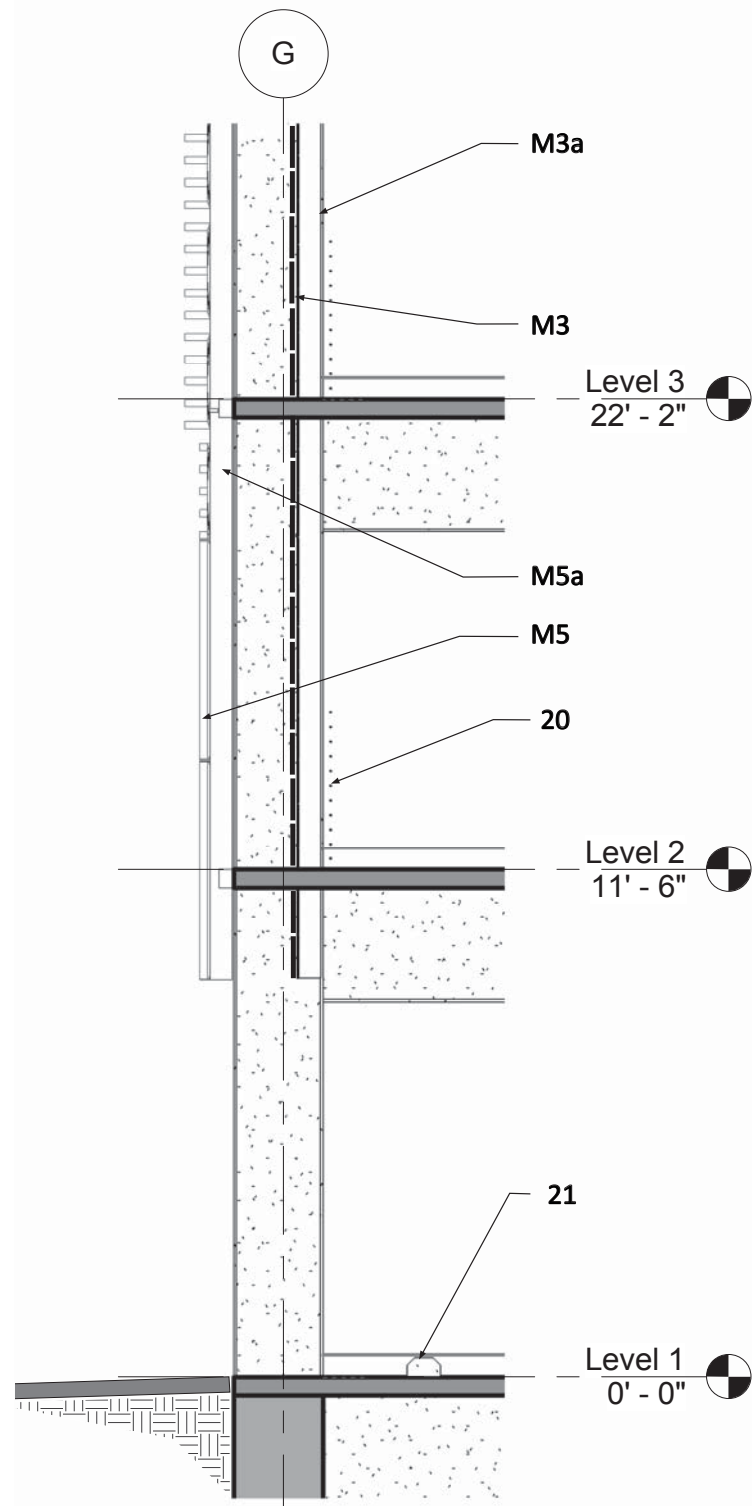
## WALL SECTIONS - PROTOTYPICAL WALL AND MAIN STAIR

# CONCEPTUAL DETAILS

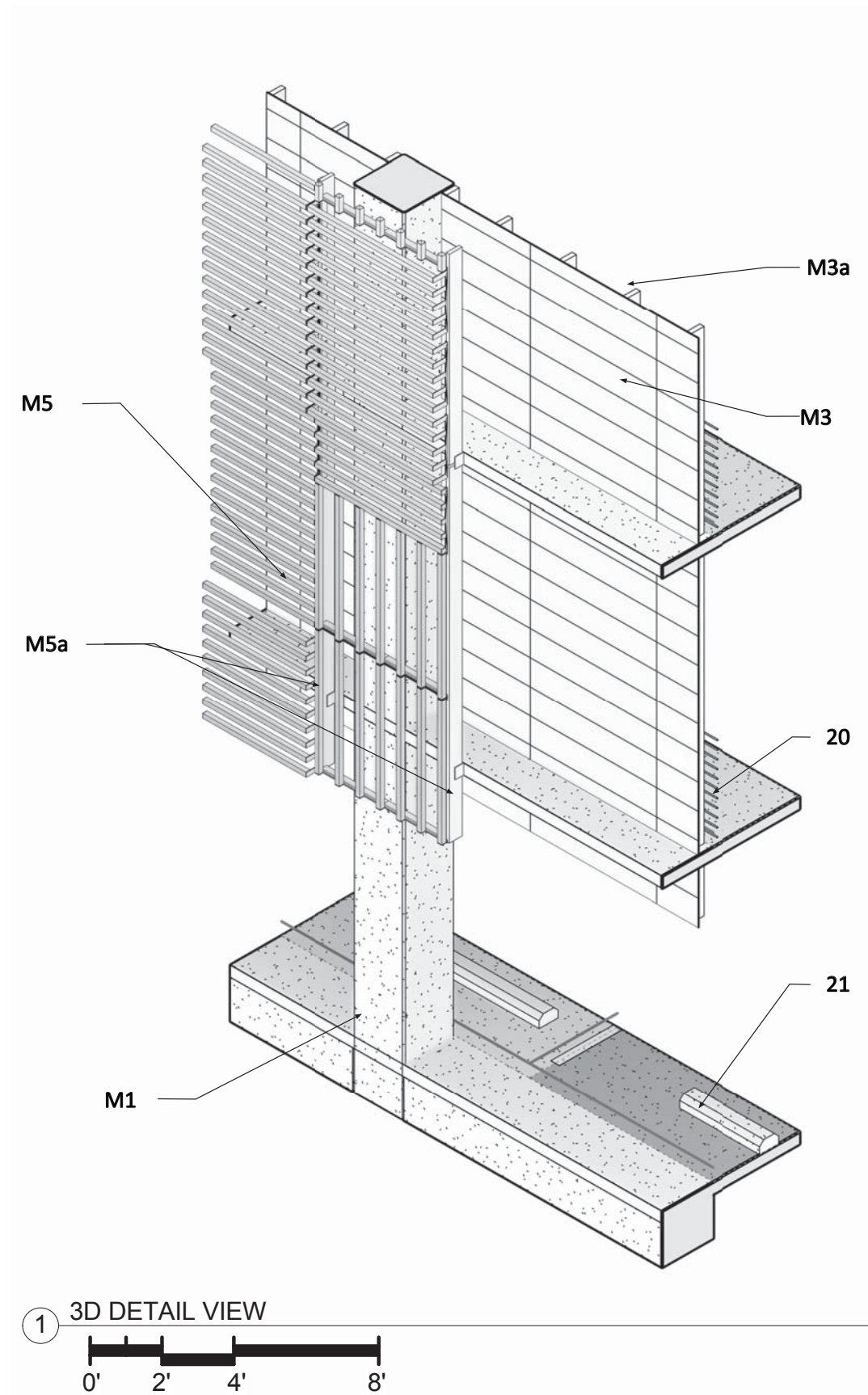
# 06

## wall section/Detail 350 Sherman

- M1 Cast-in-Place Concrete
- M2 Acrylic Modified Portland Cement Plaster
- M3 Cementitious Exterior Paneling, Color-Sahara (Basis of design: Swiss Pearl)
- M3a Metal Tube Framing; Painted
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- 11 Painted Steel Railing and Stair Stringer with Stainless Steel Handrail
- 12 Anodized Aluminum Storefront System
- 20 Vehicle Barrier Cable
- 21 Vehicle wheel Stop



2 Section 5  
0' 2' 4' 8'



1 3D DETAIL VIEW  
0' 2' 4' 8'

## WALL SECTIONS - PROTOTYPICAL WALL

# TECHNICAL DETAILS

# 07

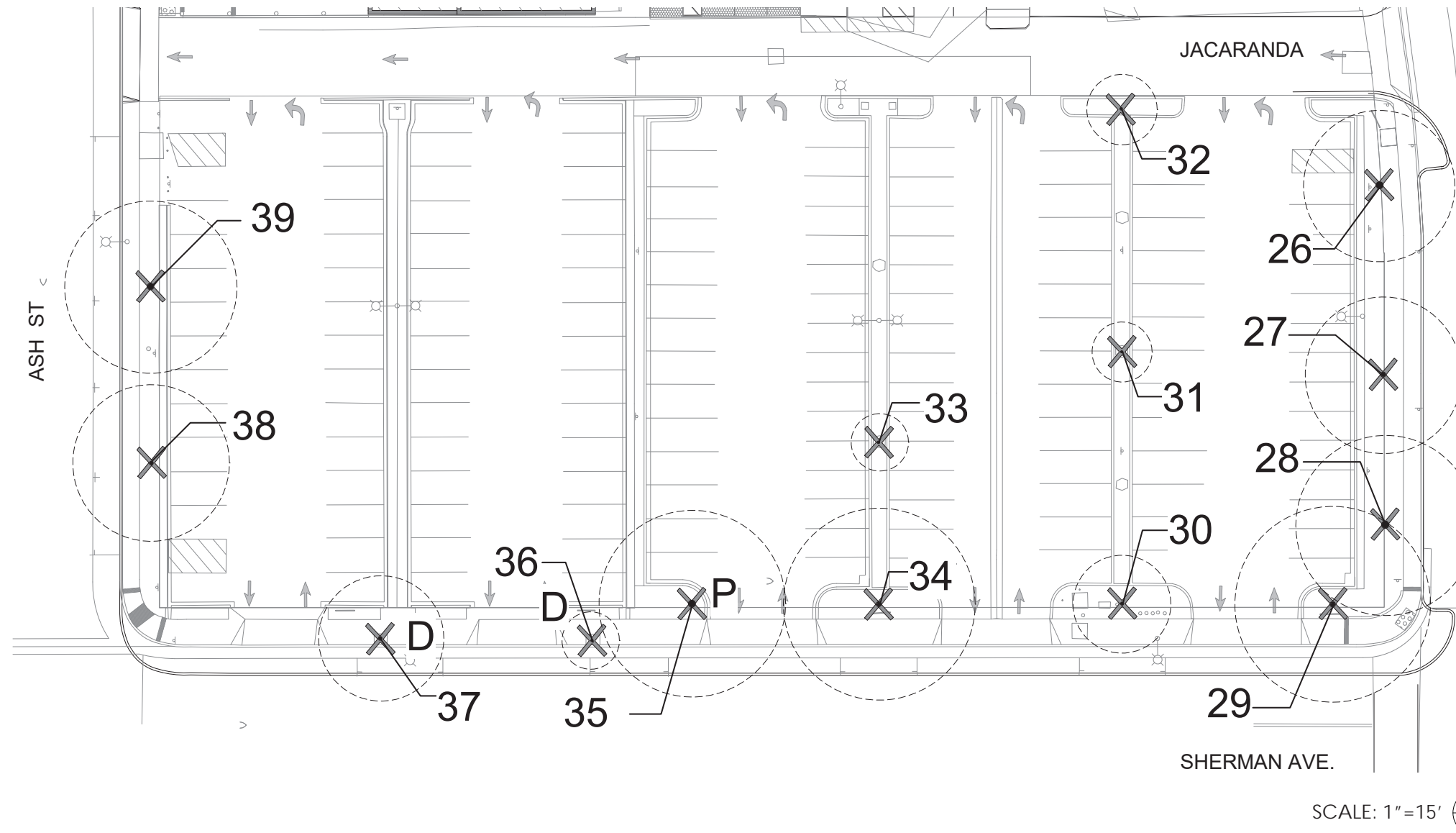
tree protection plan  
350 Sherman

## SHEET NOTES

1. TREE NUMBERS REFERENCE ABORIST REPORT BY DAVID L. BABBY (CONSULTING ABORIST) DATED 3-17-16

LEGEND	
SYMBOL	DESCRIPTION
●	APPROX. TRUNK DIAMETER (EX)
○	APPROX. TREE CANOPY (EX)
X	TREE TO REMOVE
-1	TREE NUMBER
●PIP	PROTECT IN PLACE
●P	PROTECTED TREE
●D	DESIGNATED STREET TREE
-x-x-x-x-	10 FT. OFFSET TREE PROTECTION FENCING

TOTAL TREES TO BE REMOVED	14
TOTAL PROTECTED TREES TO BE REMOVED	1
TOTAL DESIGNATED TREES TO BE REMOVED	2



## TREE PROTECTION PLAN - PSB AND PARKING GARAGE

RossDrulisCusenbery ARCHITECTURE

ARB 07.01

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# TECHNICAL DETAILS

# 07

## city tree protection detail 350 Sherman

## City of Palo Alto Tree Protection - It's Part of the Plan!

Make sure your crews and subs do the job right!

Fenced enclosures around trees are essential to protect them by keeping the foliage canopy and branching structure clear from contact by equipment, materials and activities, preserving roots and soil conditions in an intact and non-compacted state, and identifying the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved. An approved tree protection report must be added to this sheet when project activity occurs within the TPZ of a regulated tree.

For detailed information on Palo Alto's regulated trees and protection during development, review the City Tree Technical Manual (TTM) found at [www.cityofpaloalto.org/trees/](http://www.cityofpaloalto.org/trees/).

### TREE DISCLOSURE STATEMENT

**CITY OF PALO ALTO**  
Planning Division, 250 Hamilton Avenue  
Palo Alto, CA 94301  
(650) 329-2441  
<http://www.cityofpaloalto.org>

Palo Alto Municipal Code, Chapter 8.10.040, requires disclosure and protection of certain trees located on private and public property, and that they be shown on submitted and approved site plans. A completed tree disclosure statement must accompany all permit applications that include exterior work, all demolition or grading permit applications, or other development activity.

**PROPERTY ADDRESS:** \_\_\_\_\_

Are there Regulated trees on or adjacent to the property? **YES**  **NO**  (If no, proceed to Section 4)

[Sections 1-4 MUST be completed by the applicant. Please circle and/or check where applicable.]

1. Where are the trees? Check those that apply. (Plans must be submitted showing all trees over 4" diameter)

- On the property
- On adjacent property overhanging the project site
- In the City planter strip or right-of-way easement within 30' of property line (Street Trees)\*

\*Street trees require special protection by a fenced enclosure, per the attached instructions. Prior to receiving any permit, you must provide an authorized Street Tree Protection Verification Form. Contact Public Works Operations at (650) 496-5953 for inspection of type I, II or III fencing (see attached Detail #605) required for all street trees.

2. Are there any Protected or Designated Trees? **YES** (Check where applicable) **NO**

- Protected Tree (s)
- Designated Tree (s)
- On or overhanging the property

3. Is there activity or grading within the dripline? (radius 10 times the trunk diameter) of these trees? **YES**  **NO**

If Yes, a Tree Preservation Report must be prepared by an ISA certified arborist and submitted for staff review (see TTM, Section 6.25). Attach this report to Sheet T-1, Tree Protection, as Part of the Plans, per Site Plan Requirements.

4. Are the Site Plan Requirements\*\* completed? **YES**  **NO**

\*\*Plans, Protection of Regulated trees during development require the following: (1) Plans must show the measured trunk diameter and canopy dripline; (2) Plans must denote, as a bold dashed line, a fenced enclosure area not to the dripline, per Sheet T-1 and Detail #605 - <http://www.cityofpaloalto.org/trees/forms.htm>. (See also TTM, Section 2.15 for area to be fenced)

I, the undersigned, agree to the conditions of this disclosure. I understand that knowingly or negligently providing false or misleading information in response to this disclosure requirement constitutes a violation of the Palo Alto Municipal Code Section 8.10.040, which can lead to criminal and/or civil legal action.

Signature: \_\_\_\_\_ Print: \_\_\_\_\_ Date: \_\_\_\_\_  
(Prop. Owner or Agent)

**FOR STAFF USE:**

Protective Fencing  
Sections 5-6 must be completed by staff for the issuance of any development permit (demolition, grading or building permit).  
(N/A if there are no protected trees, check here C)

5. Protected Trees. The specified tree fencing is in place. A written statement is attached verifying that protective fencing is correctly in place around protected and/or designated trees. **YES**  **NO**

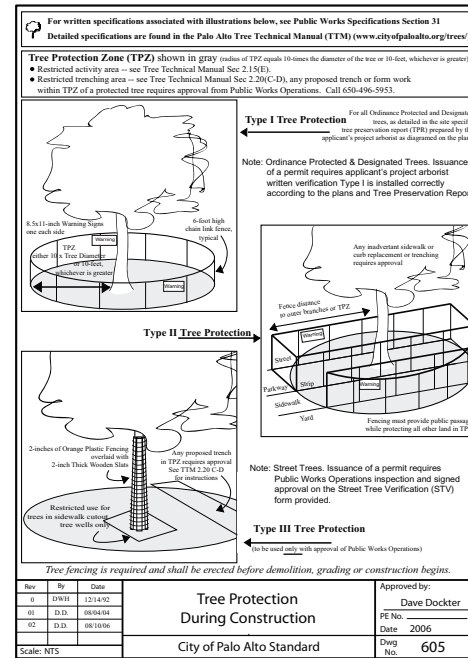
6. Street Trees. A signed Public Works Street Tree Protection Verification form is attached. **YES**  **NO**

(N/A if there are no street trees, check here C)

Regulated Trees - a) Street trees - trees on public property; b) Protected trees - Coast Live Oaks or Valley Oaks which are 11.5" in diameter or larger, Coast Redwoods which are 18" in diameter or larger, when measured 5' above natural grade; and Heritage trees are trees designated by City Council; and c) Designated trees - commercial or non-residential property trees, which are part of an approved landscape plan.

Palo Alto Tree Technical Manual (TTM) contains instructions for all requirements on this form, available at [www.cityofpaloalto.org/trees/technical-manual.htm](http://www.cityofpaloalto.org/trees/technical-manual.htm)

S:\PLANNING\Advances Planning\Arborist Tree Program Information\Tree Disclosure Statement\TDS\Tree Disclosure Statement\Final\_5/17.doc Revised 03/04/07



### Table 2-2 Palo Alto Tree Technical Manual

#### CONTRACTOR & ARBORIST INSPECTION SCHEDULE

Reference the Palo Alto Tree Technical Manual, it is available at [www.cityofpaloalto.org/environment/](http://www.cityofpaloalto.org/environment/)

**ALL CHECKED ITEMS APPLY TO THIS PROJECT:**

1.  **Inspection of Protective Tree Fencing.** For Public Trees, the Street Tree Verification Form shall be signed by the City Arborist. For Protected Trees, the project site arborist shall provide a monthly Monthly Tree Activity Report from visit a photograph verifying that he has conducted a field inspection of the trees and that the correct type of protective fencing is in place around the designated tree protection zone (TPZ) prior to issuance of a demolition, grading, or building permit (See TTM, Verification of Tree Protection, Section 1.19)
2.  **Pre-Construction Meeting.** Prior to commencement of construction, the applicant or contractor shall conduct a pre-construction meeting to discuss tree protection with the job site superintendent, grading operator, project site arborist, City Arborist, and, if a city maintained irrigation system is involved, the Parks Manager (Contact 650-496-6962).
3.  **Inspection of Rough Grading or Trenching.** Contractor shall ensure the project site arborist performs an inspection during the course of rough grading or trenching adjacent to or within the TPZ to ensure trees will not be injured by compaction, cut or fill, drainage and trenching, and if required, impact sensitive systems, tree wells, drains and special grouting. The contractor shall provide the project arborist at least 24 hours advance notice of such activity.
4.  **Monthly Tree Activity Report Inspection.** The project site arborist shall perform a minimum monthly activity inspection to monitor and advise on condition, tree health and retention or, immediately if there are any referrals to the approved plans or protection measures. The Tree Technical Manual Monthly Tree Activity Report format shall be used and sent to the Planning Dept. landscape review staff no later than 14 days after issuance of building permit date. Fax to (650) 326-2154 (See TTM, Monthly Tree Activity Inspection Report, Addendum 11 & section 1.17)
5.  **Special activity within the Tree Protection Zone.** Work in the TPZ area (see also #7 below) requires the direct onsite supervision of the project arborist (see TTM, Trenching, Excavation & Equipment, Section 2.20 C).
6.  **Landscape Architect Inspection.** For discretionary development projects, prior to temporary or final occupancy the applicant or contractor shall arrange for the Landscape Architect to perform an on site inspection of all plant stock, quality of the materials and planting (see TTM, Planting Quality, Section 5.20.1 A) and that the inspection is conducted in accordance with the approved construction plans. The Planning Dept. landscape review staff shall be in receipt of written verification of Landscape Architect approval prior to scheduling the final inspection, unless otherwise approved.
7.  **List Other** (please describe as called out in the site Tree Preservation Report, Sheet T-1, T-2, etc.)

City of Palo Alto Tree Technical Manual ADDENDUM 11

Arborist Firm Data Here

Inspection Date:	Site address:	Contractor Main Site Information	#1 - Job site superintendent
	Palo Alto, CA		Company: _____ Contact: _____ Email: _____ Office: _____ Cell: _____ Mail: _____
		Also present:	
Distribution:	1. City of Palo Alto	Attn: Dave Dockett	<a href="mailto:dave.dockett@cityofpaloalto.org">dave.dockett@cityofpaloalto.org</a> 650-329-2440
	2. Others		

Provide the requested minimum information with each report, continue as necessary. To be completed by project site arborist. Send monthly to city arborist at above address until project completion. Use additional sheets as needed.

1. Assignment Activity (Deadline grading/trenching/fencing foundation list relevant visits)
  - a. Pre-construction meeting requirement with sub-contractors
  - b. Inspect to verify that tree protection measures are in place
  - c. Determine if field adjustments, watering or plan revisions may be needed
2. Field Observations (general site-wide and list by individual tree number)
  - a. Tree Protection Fences (TPF) are ...
  - b. Trenching law with occur
3. Action Items (list site-wide, by tree number and date to be satisfied) and Date Due
  - a. Tree Protection Fence (TPF) needs adjusting (tree #, s, x, y)
  - b. Root zone barrier material (wood chips) can be installed next
  - c. Schedule sewer trench, foundation dig with ...
4. Photographs (use often)
5. Tree Location Map (mandatory 8.5 x 11 sheet)
6. Recommendation, notes or narrative items for project staff/schedule
7. Past visits (list carry-over items satisfied/still outstanding)

Respectfully submitted,

Project site arborist  
Consultant contact information (include email, cell#, and mailing)  
CC:

Enter Date: \_\_\_\_\_ CPA Monthly Tree Activity Report: Type site address here Page #1 of 1

### City of Palo Alto Tree Department

#### Verification of Street Tree Protection

Applicant Instructions: Complete upper portion of this form. Mail or FAX this form along with signed Tree Disclosure Statement to Public Works Dept., Public Works Tree Staff will inspect and notify applicant.

APPLICATION DATE:	
ADDRESS/LOCATION OF STREET TREES TO BE PROTECTED:	
APPLICANT'S NAME:	
APPLICANT'S ADDRESS:	
APPLICANT'S TELEPHONE & FAX NUMBERS:	
This section to be filled out by City Tree Staff	
1. The Street Trees at the above address(es) are adequately protected. The type of protection used is:	YES <input type="checkbox"/> NO <input type="checkbox"/>
	* If NO, go to #2 below
Inspected by:	
Date of inspection:	
2. The Street Trees at the above address are NOT adequately protected. The following modifications are required:	
Indicate how the required modifications were communicated to the applicant:	
Subsequent inspection	
Street trees at above address were found to be adequately protected:	YES <input type="checkbox"/> NO <input type="checkbox"/>
	* If NO, indicate in "Notes" below the disposition of case.
Inspected by:	
Date of inspection:	
Notes: List City street trees by species, size, condition and type of tree protection installed. Also note if pictures were taken. Use back of sheet if necessary.	
Return approved sheet to Applicant for demolition or building permit issuance.	

S:\PW\GPS\Final\DS\TreeProtect 5/17/06

### ---WARNING---

## Tree Protection Zone

This fencing shall not be removed without City Arborist approval (650-496-5953)

Removal without permission is subject to a \$500 fine per day\*

\*Palo Alto Municipal Code Section 8.10.110

City of Palo Alto Tree Protection Instructions are located at <http://www.city.palo-alto.ca.us/trees/technical-manual.htm>

SPECIAL INSPECTIONS	PLANNING DEPARTMENT
<b>TREE PROTECTION INSPECTIONS MANDATORY</b>	
PAMC 8.10 PROTECTED TREES. CONTRACTOR SHALL ENSURE PROJECT SITE ARBORIST IS PERFORMING REQUIRED TREE INSPECTION AND MONITORING. PROVIDE WRITTEN MONTHLY TREE ACTIVITY REPORTS TO THE PLANNING DEPARTMENT LANDSCAPE REVIEW STAFF BEGINNING 14 DAYS AFTER BUILDING PERMIT ISSUANCE.	
BUILDING PERMIT DATE: _____	
DATE OF 1 <sup>ST</sup> TREE ACTIVITY REPORT: _____	
CITY STAFF: _____	
REPORTING DETAILS OF THE MONTHLY TREE ACTIVITY REPORT SHALL CONFORM TO SHEET T-1 FORMAT. VERIFY THAT ALL TREE PROTECTION MEASURES ARE IMPLEMENTED AND WILL INCLUDE ALL CONTRACTOR ACTIVITY, SCHEDULED OR UNSCHEDULED, WITHIN A TREE PROTECTION ROOT ZONE. NON-COMPLIANCE IS SUBJECT TO VIOLATION OF PAMC 8.10.080. REFERENCE: PALO ALTO TREE TECHNICAL MANUAL, SECTION 2.00 AND ADDENDUM 11.	

Apply Tree Protection Report on sheet(s) T-2

Use additional "T" sheets as needed

# CITY TREE PROTECTION DETAILS

RossDrulisCusenbery ARCHITECTURE

# ARB 07.02

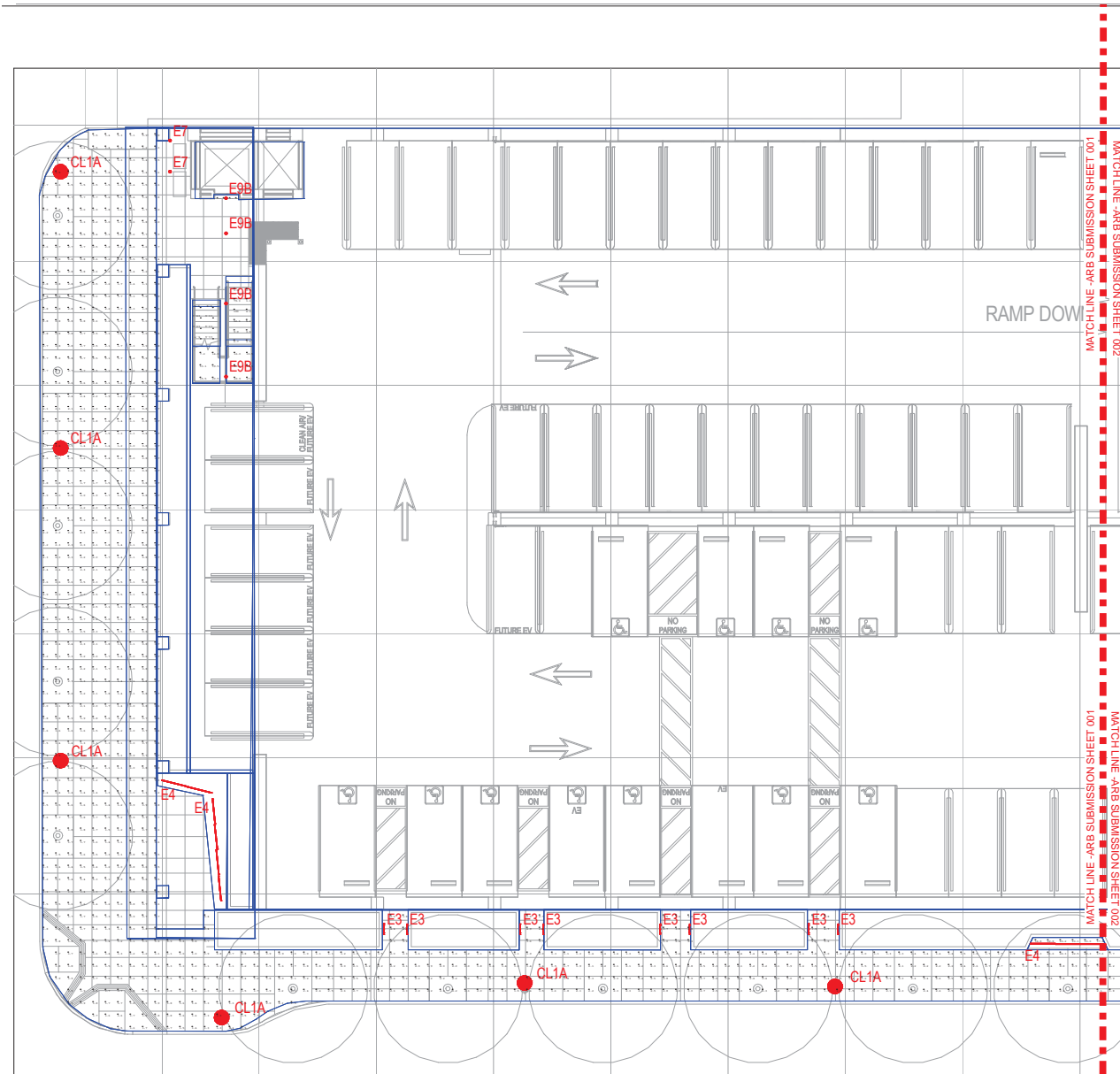
PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13

# TECHNICAL DETAILS

# 07

## site lighting plan 350 Sherman



PHOTOMETRIC STUDY - PARKING GARAGE NORTH

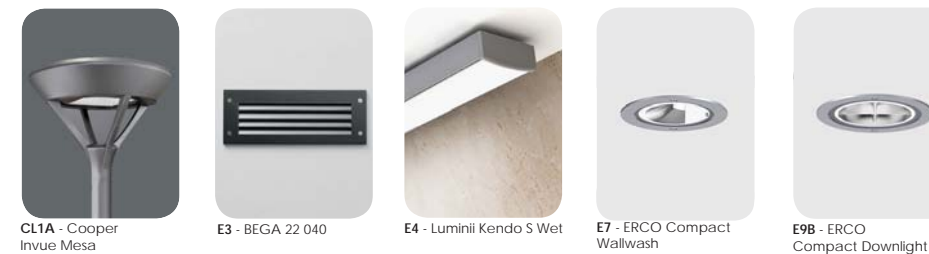
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### CALCULATION SUMMARY

Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min	Target Light Level
East Stair 1 Top 1 1	Illuminance	Fc	14.3	19.9	9.1	1.90	2.19	1 Fc Min. Per CBC
East Stair 2 Side 5 1	Illuminance	Fc	13.8	21.5	8.7	1.57	2.47	1 Fc Min. Per CBC
East Stair 3 Top 1 1	Illuminance	Fc	15.3	23.2	8.9	1.75	2.61	1 Fc Min. Per CBC
East Stair 4 Side 4 1	Illuminance	Fc	14.0	19.4	7.6	1.85	2.35	1 Fc Min. Per CBC
East Stair 5 Top 1 1	Illuminance	Fc	17.3	23.9	12.9	1.39	1.82	1 Fc Min. Per CBC
East Stair 6 Side 4	Illuminance	Fc	13.8	23.9	1.6	8.70	14.94	1 Fc Min. Per CBC
East Stair 7 Top 1 1	Illuminance	Fc	12.2	20.8	2.1	5.83	9.90	1 Fc Min. Per CBC
East Stair Side 5 1	Illuminance	Fc	14.0	19.5	8.1	1.73	2.41	1 Fc Min. Per CBC
Garage Northeast Elev Threshld	Illuminance	Fc	12.4	14.2	10.7	1.16	1.33	10 Fc Min. Per CBC
Garage West and South Pathway	Illuminance	Fc	3.42	19.3	0.2	17.10	99.50	0.5-1Fc Avg. Per BOD Light Level Legend
Garage West and South Pathway Top	Illuminance	Fc	2.12	23.3	0.2	10.60	116.50	0.5-1Fc Avg. Per BOD Light Level Legend
Garage West Elev Threshld	Illuminance	Fc	14.5	14.7	14.4	1.01	1.02	10 Fc Min. Per CBC
West Stairs 1 Side 4	Illuminance	Fc	10.2	13.4	5.7	1.80	2.35	1 Fc Min. Per CBC
West Stairs 2 Top 1	Illuminance	Fc	14.8	23.9	7.2	2.38	2.85	1 Fc Min. Per CBC
West Stairs 2 Top 1	Illuminance	Fc	17.0	20.9	10.9	1.62	1.99	1 Fc Min. Per CBC
West Stairs 3 Side 4 1	Illuminance	Fc	20.7	100.0	0.9	23.00	111.56	1 Fc Min. Per CBC

### LUMINAIRE SCHEDULE

Symbol	Qty	Label	Description	Lum. Watts	Lum. Lumens	LLF
CL1A	13	CL1A	Cooper Invue Mesa - 28in. Dia. Pole Top Round LED TII Area Light - MSA-E02-LED-E1-T2-8030	52.1	4152	0.87
E11	4	E11	Ecosense Rise - 2.5in. Surface Rectangular LED Spotlight - F080-TIS-MO-30-30-25-S-X-A	11.5	441	0.83
E3	9	E3	BEGA 22 040 - 20.5in. X 5in. Wall Recessed Rectangular LED Louvered Spotlight - 22 040	19.2	124	0.63
E4	27	E4	Luminii Kendo S Wet - 0.7in. Underbench Mid. Linear LED Tape Light in Aluminum Extrusion - KSW-48-30K-SO-C-X-WH-XX	12.9	826	0.63
E5	38	E5	Intense Trail - 1.5in. Post Mounted Tubular LED Continuous Handrail Light - IVR1548-ST-W	18.33	790	0.63
E6	1	E6	ERCO Lightscan - 12in. X 12in. Column Mounted Square LED Asymmetric Ceiling Uplight - 34447023_V03	60	2496	0.81
E7	2	E7	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Wallwasher - 8445923_V04	10	610	0.81
E9	4	E9	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 8442923_V04	10	725	0.81
E9B	4	E9B	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 8442923_V04	30	2225	0.81
E9C	2	E9C	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 84431023_V04	36	2967	0.81



CL1A - Cooper Invue Mesa  
E3 - BEGA 22 040  
E4 - Luminii Kendo S Wet  
E7 - ERCO Compact Wallwash  
E9B - ERCO Compact Downlight

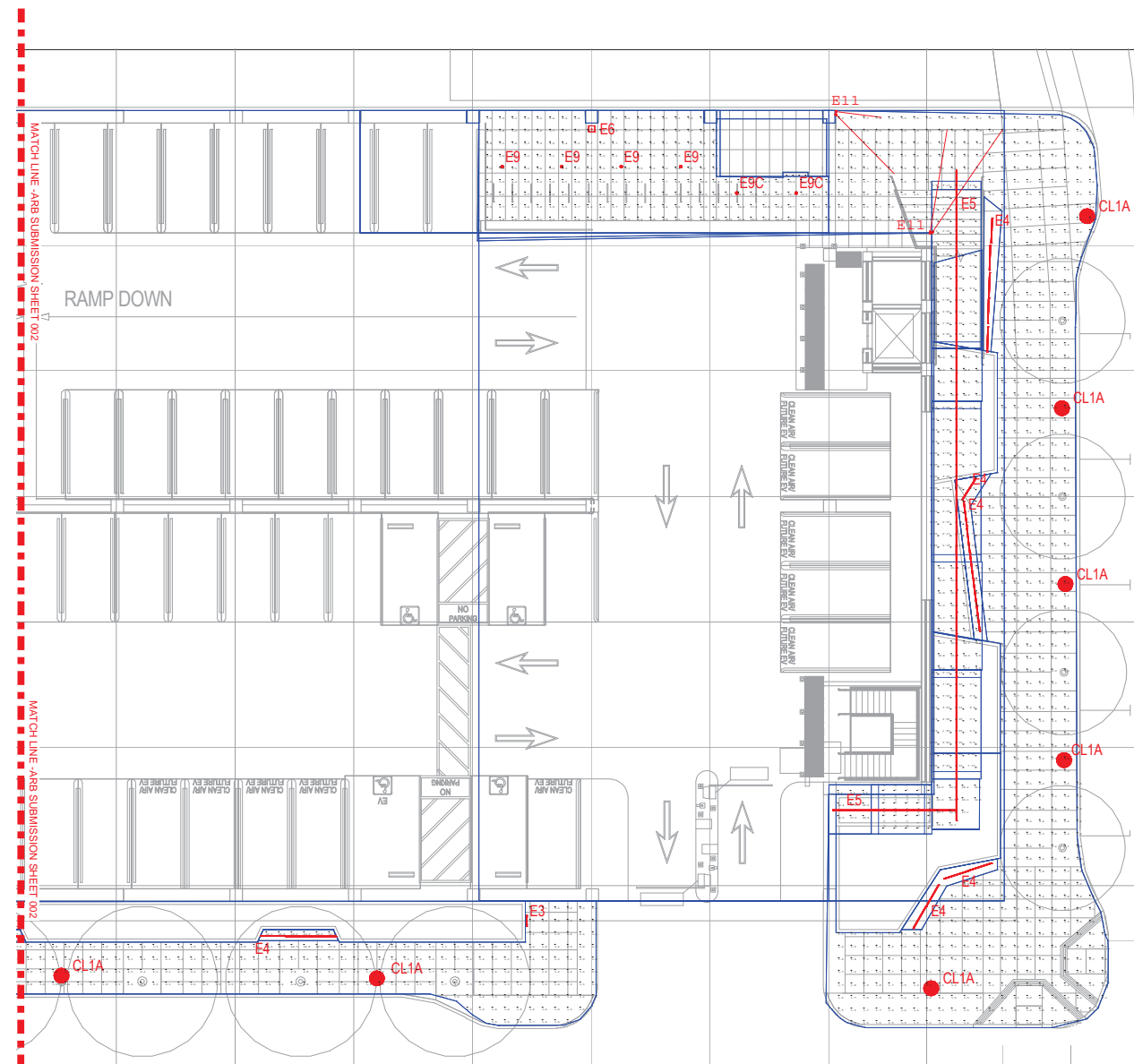
NOTES  
1. ILLUMINANCE CALCULATIONS ARE BASED ON PUBLISHED CALCULATION METHODS AND ARE FOR REFERENCE ONLY. FIELD MEASURED RESULTS MAY DIFFER FROM CALCULATED RESULTS AND ARE DEPENDANT ON A VARIETY OF FACTORS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: MANUFACTURERS PHOTOMETRY DATA, LINE VOLTAGE, LUMINAIRE PERFORMANCE, TEMPERATURE, AND ACTUAL CONDITION OF FINISHES AND ENVIRONMENT.  
2. REFLECTANCE ASSUMPTIONS:  
WALL/BUILDING REFLECTANCE - 35%  
GROUND REFLECTANCE - 20%  
3.  
-CL1 SERIES LUMINAIRES MOUNTED 14'-0" AFG.  
-E2 SERIES LUMINAIRES MOUNTED 8'-0" AFG.  
-E3 LUMINAIRES MOUNTED 1'-2" AFG.  
-E4 LUMINAIRES MOUNTED 1'-5" AFG.  
-E5 LUMINAIRES MOUNTED 3'-6" ABOVE STAIR TREAD.  
-E9 LUMINAIRES MOUNTED 8'-0" AFG.  
4. \* LLD CALCULATED BASED ON LINEAR INTERPOLATION TO 50,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

### LUMINAIRE IMAGES

# TECHNICAL DETAILS

# 07

## site lighting plan 350 Sherman



PHOTOMETRIC STUDY - PARKING GARAGE NORTH

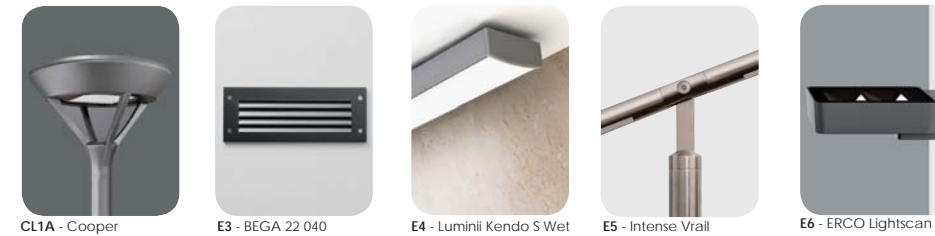
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Garage West Elev Threshld. Top	Illuminance	Fc	2.12	23.3	0.2	10.60	116.50	0.5-1Fc Avg. Per BOD Light Level Legend
Garage West Elev Threshld	Illuminance	Fc	14.5	14.7	14.4	1.01	1.02	10 Fc Min. Per CBC
West Stairs 1 Side 4	Illuminance	Fc	10.2	13.4	5.7	1.80	2.35	1 Fc Min. Per CBC
West Stairs 2 Top 1	Illuminance	Fc	14.8	20.9	7.2	2.88	2.85	1 Fc Min. Per CBC
West Stairs 2 Top 1	Illuminance	Fc	17.0	20.9	10.9	1.82	1.99	1 Fc Min. Per CBC
West Stairs 3 Side 4.1	Illuminance	Fc	20.7	100	0.9	23.00	111.56	1 Fc Min. Per CBC

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○	2	E7	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Wallwasher - 8445923_V04	10	610	0.81
○	4	E9	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 8442923_V04	10	785	0.81
○	4	E9B	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 8442923_V04	30	2225	0.81
○	2	E9C	ERCO Compact - 5.5in. Aperture Recessed Round LED Cast In Place Downlight - 84431023_V04	36	2967	0.81



CL1A - Cooper Invue Mesa    E3 - BEGA 22 040    E4 - Lumini Kendo S Wet    E5 - Intense Vrail    E6 - ERCO Lightscan



E9/E9C - ERCO Compact Downlight    E11 - EcoSense Rise Adjustable Flood Light

NOTES  
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 4. \* LLF CALCULATED BASED ON LINEAR INTERPOLATION TO 50,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

### LUMINAIRE IMAGES

	Project	Title	Project No.	Scale	Date	Sheet
	PALO ALTO PUBLIC SAFETY PARKING GARAGE	LSK002 REV 1 - ARB III SUBMISSION	B17.07295.000	AS NOTED	1.2.2018	002

# SITE LIGHTING PLAN - PARKING GARAGE

RossDrulisCusenbery ARCHITECTURE

# ARB 07.04

PALO ALTO CALIFORNIA AVE. PARKING GARAGE

2017.12.13